



# **4<sup>th</sup> INTERNATIONAL SYMPOSIUM OF EDUCATION AND VALUES ISOEVA - 2020**

**24-26 December 2020**

**Karabuk, TURKEY**

**[www.isoeva.com](http://www.isoeva.com)**

## **LETTER of ACCEPTANCE**

*Dear Harlina MD SHARIF,*

**“EMBEDDING HERITAGE AWARENESS AMONG SCHOOL CHILDREN  
THROUGH INQUIRY-BASED PROJECTS FOR OUTREACH PROGRAMMES”** was  
examined by the referee committee and accepted to be presented as an ORAL  
PRESENTATION at our symposium.

We are pleased to invite you to the 4th International Symposium of  
Education and Values, which will be held online on 24-26 DECEMBER 2020,  
hosted by Karabuk University.

**Assoc. Prof. Dr. Osman ÇEPNİ**

**Karabuk University**

**Head of Organizing Committee**

# **EMBEDDING HERITAGE AWARENESS AMONG SCHOOL CHILDREN THROUGH INQUIRY- BASED PROJECTS FOR OUTREACH PROGRAMMES**

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## **ABSTRACT**

This paper presents the experience of the Kulliyah of Architecture and Environmental Design in teaching Conservation as a specialisation in the programme of Bachelor of Applied Arts and Design (B.AAD). In Malaysia, the awareness of conservation of cultural heritage is limited to only a certain sector of the society. A preliminary study on the level of awareness of young generation on the values of traditional built heritage reveals the lack of interest in the subject of history, as well as lack of awareness of the significance of traditional Malay built heritage. The main factor for this phenomena can be attributed to the lack of interesting reading sources. Most history books are wordy, bland and almost all are written for adults. In addition, a survey on the syllabus being taught in primary schools reveals that the subject of built heritage was never introduced to young children. Even at secondary school level the subject of traditional Malay architecture for example is not introduced. Based on a survey conducted among school teachers and interview with museum outreach programme personnel, two interactive projects were designed by final year students in the B.AAD programme. The first is a 3D pop-up book on the historical relationship between the Sultanate of Melaka and Admiral Zheng He (aka Cheng Ho, c. 1371-1433 CE) who was a Chinese Muslim eunuch explorer sent by the Ming dynasty emperor Yongle (r. 1403-1424 CE) on seven diplomatic missions to increase trade and secure tribute from foreign powers. The second project is a 3D puzzle of a traditional Malay house kit with design elements of the house that can be assembled and disassembled. The projects aim to introduce interactive and fun educational kit that could be marketed as part of museum outreach programme or primary school syllabus. The incorporation of this inquiry-based and interactive learning mechanism in primary school children education may assist in embedding cultural heritage awareness and recognition of the significance of traditional Malay architecture which is soon diminishing.

**Keywords:** inquiry-based and interactive learning, cultural and built heritage, 3D puzzle kit and 3D pop-up book.



# **INTERNATIONAL SYMPOSIUM OF EDUCATION AND VALUES - 4**

**(ULUSLARARASI EĞİTİM VE DEĞERLER SEMPOZYUMU-ISOEVA- 4)**

**24 - 26 December / 2020 Karabük / TURKEY**

**24 - 26 Aralık / 2020 Karabük / TÜRKİYE**

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# 1.GÜN – 24 ARALIK 2020 PERŞEMBE DAY 1- 24 DECEMBER THURSDAY 2020

11:00 – 12:00	<b>- Saygı Duruşu ve İstiklal Marşı</b> <b>- Açılış Konuşmaları</b>
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## PARALEL OTURUMLAR / PARALLEL SESSIONS

### 1. GÜN – 24 ARALIK 2020 PERŞEMBE / DAY 1- 24 DECEMBER THURSDAY 2020

1. OTURUM SALON/HALL: 1		
24 Aralık 2020 Perşembe Saat: 13:00 - 14:00 / 24 December 2020 Thursday Time: 13:00 - 14:00		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
13:00-13:15	AbbaKyari BUBA Othman Bin IBRAHİM	ADOPTION OF GREEN INFORMATION TECHNOLOGY BY DECISION-MAKERS USING BEHAVIOURAL MODEL
13:15-13:30	Afaf H. AL-NADAF	THEIMPACT OF SMART-PEN TECHNOLOGY ON PHARMACEUTICALCHEMISTRY COURSE EDUCATIONVIADISTANCE LEARNING: A PILOT STUDY
13:30-13:45	Hadeel Sa’ad AL-HYARİ	THEEFFECT OF APPLYING EDUCATION TECHNOLOGY INNOVATION TRENDS ON LEARNING OUTCOMESFOR AL-BALQA
13:45-14:00	Isnuraini KASSİM Norfaizah ABAS Siti Khalijah JAMAL	A STUDY OF EMPLOYERS SATISFACTION OF POLYTECHNIC MALAYSIA WORK-BASED LEARNING GRADUATES ON TECHNICAL SKILLS PERSPECTIVE

1.OTURUM SALON/HALL: 2		
24 Aralık 2020 Perşembe Saat: 13:00 - 14:00 / 24 December 2020 Thursday Time: 13:00 - 14:00		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
13:00-13:15	Noraini NASERAN Mariani Ayu OMAR Nurin Hafilah HAMZAH Fatimahwati HAMZAH	DEVELOPMENT OF ASSISTIVE TECHNOLOGY UPRIGHT POSTURAL DEVICE FOR CHILDREN WITH CEREBRAL PALSY

13:15-13:30	Rabiatul Adawiyah Bin Ti ROSLİ Diana Malini Bin Ti JARNİ	EFFECTIVENESS OF TEACHING AND LEARNING AIDS USING TECHNOLOGY DURING ONLINE CLASS IN MATHEMATICS COURSE
13:30-13:45	Siti Nur HidayahBinti Md KASSİM Saifullizam Bin PUTEH	APPLICATION OF GREEN TECHNOLOGY AMONG TECHNICAL AND VOCATIONAL STUDENTS
13:45-14:00	Nadiya DEKHTYAR	THE DEMAND FOR NEW IT SERVICES AND LEGAL REGULATION OF DISTANCE LEARNING

1.OTURUM SALON/HALL: 3 24 Aralık 2020 Perşembe Saat: 13:00 - 14:00 / 24 December 2020 Thursday Time: 13:00 - 14:00		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
13:00-13:15	Ayşe Derya ESKİMEN	TÜRK DİLİ VE EDEBİYATI ÖĞRETİMİNDE OKUL DIŞI ÖĞRENME ORTAMLARI
13:15-13:30	Merve ERSOY	YAZI VE TİPOGRAFİNİN KLAVYE ÜZERİNDEKİ DEĞİŞİMİ "SEMBOL VE EMOJİLER"
13:30-13:45	Gonca SUBAŞI	SÜREÇ-TÜR TEMELLİ YAKLAŞIMIN YABANCI DİL OLARAK İNGİLİZCE ÖĞRENEN TÜRK ÖĞRENCİLERİNİN YAZMA PERFORMANSLARINA OLAN ETKİSİ NEDİR?
13:45-14:00	Gizem KÖŞKER	YABANCI DİL ÖĞRETİMİ VE KÜLTÜRLERARASI İLETİŞİM YAKLAŞIMI: BİR FİLM İNCELEMESİ

1.OTURUM SALON/HALL: 4 24 Aralık 2020 Perşembe Saat: 13:00 - 14:00 / 24 December 2020 Thursday Time: 13:00 - 14:00		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
13:00-13:15	Arzu ERSÖZ TÜĞEN	YÖRÜK KÜLTÜRÜNÜN KOCA USTASI HAYRİ DEV İLE YAŞAYAN COĞRAFYA
13:15-13:30	Bilgehan KURTULUŞ	YÖRÜK KÜLTÜRÜNDE DÜĞÜN: MERSİN MUT ÖRNEĞİ
13:30-13:45	Fatmagül SAKLAVCI	GELENEKSEL TÜRK EL SANATLARINDA EĞİTİM METODU, İCAZET VE MEŞK USULÜ
13:45-14:00	Ahmet Kemal YILDIRIM	MUĞLA İLİ KAVAKLIDERE İLÇESİNDE BAKIRCILIK VE KALAYCILIK KÜLTÜRÜ



1.OTURUM SALON/HALL: 5		
24 Aralık 2020 Perşembe Saat: 13:00 - 14:00 / 24 December 2020 Thursday Time: 13:00 - 14:00		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
13:00-13:15	Gamze SERİN Ümit İZGİ ONBAŞILI	İLKOKUL 4. SINIF ÖĞRENCİLERİNİN AKADEMİK AZİMLERİNİN İNCELENMESİ
13:15-13:30	Aslı KANDEMİR Yasemin KUŞDEMİR	İLKOKUL ÖĞRENCİLERİNİN OKUR BENLİK ALGISI VE OKUMA MOTİVASYONUNUN OKUMA KAYGISI İLE İLİŞKİLERİNİN İNCELENMESİ
13:30-13:45	Mustafa TAHİROĞLU Pınar ESENER	TEMİZLİK ALIŞKANLIĞININ İLKOKUL ÖĞRENCİLERİNE DEĞER OLARAK KAZANDIRILMASINA YÖNELİK BİR UYGULAMA
13:45-14:00	Gökçe DEMİRYÜREK	PANDEMİ SÜRECİNDE İLKOKUL ÖĞRENCİLERİ İÇİN YAYIMLANAN “ARKADAŞ” TATİL KİTAPLARINDAKİ DEĞERLER

2.OTURUM SALON/HALL: 1		
24 Aralık 2020 Perşembe Saat: 14:10-15:10 / 24 December 2020 Thursday Time: 14:10-15:10		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
14:10-14:25	Nazratulhuda HASHİM Suaiza KHAİRİ Nurulizza REDZUAN	DEVELOPMENT OF ADJUSTABLE MULTIPURPOSE TABLE
14:25-14:40	Nur Farahaizan IDRIS Nazratulhuda HASHİM NurusSadiqin ABDUL RAZAK KHAN	DEVELOPMENT OF NEW DESIGN WHEELCHAIR FOR STROKE PATIENTS VIA SHINGLEY'S MODEL APPLICATION
14:40-14:55	Nur Farahaizan IDRIS Nazratulhuda HASHİM NurusSadiqin ABDUL RAZAK KHAN	DEVELOPMENT OF PROTOTYPING TARTLET MACHINE FOR SMALL & MEDIUM SCALE INDUSTRY
14:55-15:10	Rahman SAFAROV Aytac VALIYEVA	DEVELOPMENT PROCESS AND EVALUATION OF TOURISM EDUCATION IN AZERBAIJAN

2.OTURUM SALON/HALL: 2		
24 Aralık 2020 Perşembe Saat: 14:10-15:10 / 24 December 2020 Thursday Time: 14:10-15:10		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
14:10-14:25	Akmarya SYUKHAİRİLNİSAH MohdAkhir PENSYARAH	THE EFFECTIVENESS OF e-Micro Content Competition (eMCC) APPLICATION IN TEACHING AND LEARNING FOR SUBJECT DEC2012 FUNDAMENTAL PROGRAMMING HELPS IMPROVE STUDENT ACHIEVEMENT OF DJK PROGRAM IN CONTINUOUS QUALITY IMPROVEMENT (CQI)
14:25-14:40	Marius SAUNORIS Loreta SAUNORIENĖ	APPLICATION OF VIRTUAL ENVIRONMENT FOR TEACHING THE BASICS OF ELECTRICAL ENGINEERING AND ELECTRONICS
14:40-14:55	Mohamad Johdi SALLEH Zubaidah ABDULLAH	PRINCIPALS' MANAGERIAL SKILLS IN CREATING EFFECTIVE SCHOOLS: PERCEPTION OF TEACHERS
14:55-15:10	Mohamad Johdi SALLEH Sharmin Jahan MITUL	INCORPORATING PRINCIPLES OF INSTRUCTIONAL LEADERSHIP IN LOVE PEDAGOGY FROM TEACHERS' PERSPECTIVES

2.OTURUM SALON/HALL: 3		
24 Aralık 2020 Perşembe Saat: 14:10-15:10 / 24 December 2020 Thursday Time: 14:10-15:10		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
14:10-14:25	Emine ÇOLAK Herdem Nur KÜÇÜKTEPE	OKUL ÖNCESİ DÖNEM HİKÂYE KİTAPLARINDA YER ALAN DEĞERLERİN İNCELENMESİ
14:25-14:40	Ensar YILDIZ Hasibe ELİBOL Merve ADA	OKUL ÖNCESİ EĞİTİM ÇAĞINDA ÇOCUĞU OLAN EBEVEYNLERİN DEĞER EĞİTİMİ HAKKINDAKİ GÖRÜŞLERİNİN İNCELENMESİ
14:40-14:55	Ensar YILDIZ Kübra EMİN Şuheda BAYRAK Buşra YIKILMAZ BARAN	OKUL ÖNCESİ DÖNEM ÇOCUKLARINA YÖNELİK ÇIKARILAN MERAKLI MİNİK DERGİSİNİN DEĞERLER EĞİTİMİ AÇISINDAN DEĞERLENDİRİLMESİ
14:55-15:10	Damla CEYLAN Bedia ÇAKIR Kevser ŞAHİN	OKUL ÖNCESİ ÖĞRETMENLERİNİN DEĞERLER EĞİTİMİNDE ÇOCUKLAR İÇİN FELSEFE (P4C) YÖNTEMİNİN KULLANIM DURUMUNUN İNCELENMESİ

2. OTURUM SALON/HALL: 4		
24 Aralık 2020 Perşembe Saat: 14:10-15:10 / 24 December 2020 Thursday Time: 14:10-15:10		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
14:10-14:25	Huriye SEVİNÇ	COĞRAFYA ÖĞRETMEN ADAYLARININ DEĞERLERE İLİŞKİN ALGILARININ METAFORLAR YOLUYLA İNCELENMESİ
14:25-14:40	Sevda COŞKUN	İLKOKUL KADEMESİNDEN LİSANS DÜZEYİNE FİZİKİ COĞRAFYA KONULARINDA ARAZİDE ÇALIŞMA
14:40-14:55	Asiye Gülsüm YILDIZ	COĞRAFYA ÖĞRETMENLİK ALAN BİLGİSİ SORULARININ YENİLENMİŞ BLOOM TAKSONOMİSİNE GÖRE ANALİZİ
14:55-15:10	Büşra ŞİMŞEK	COĞRAFYA DERSİ ÖĞRETİM PROGRAMI KAZANIMLARINDA ÇOK KÜLTÜRLÜLÜK KAVRAMININ İNCELENMESİ

2. OTURUM SALON/HALL: 5 24 Aralık 2020 Perşembe Saat: 14:10-15:10 / 24 December 2020 Thursday Time: 14:10-15:10		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
14:10-14:25	Gözde KURT Mustafa YEŞİLYURT	PROBLEM ÇÖZME BECERİSİ İLE AKADEMİK BAŞARI ARASINDAKİ İLİŞKİ ALANINDA YAPILMIŞ ÇALIŞMALARIN İÇERİK ANALİZİ
14:25-14:40	Ebru KILIÇ ÇAKMAK Merve YALDIZ	BİLİŞİM TEKNOLOJİLERİ ÖĞRETMENLERİNİN MESLEKİ TÜKENMİŞLİK DÜZEYLERİ İLE SANAL KAYTARMA DAVRANIŞLARI ARASINDAKİ İLİŞKİ DÜZEYİ VE TÜKENMİŞLİK DÜZEYİ İLE SANAL KAYTARMA DAVRANIŞLARININ FARKLI DEĞİŞKENLERE GÖRE İNCELENMESİ
14:40-14:55	Gönül AKIN Okan BİLGİN	ÜNİVERSİTE ÖĞRENCİLERİNİN OYUN BAĞIMLILIĞI İLE PSİKOLOJİK SAĞLAMLIK DÜZEYLERİ ARASINDAKİ İLİŞKİNİN İNCELENMESİ
14:55-15:10	Kardelen Nisan ERDOĞAN	ÜNİVERSİTE ÖĞRENCİLERİNİN PSİKOLOJİK DAYANIKLILIKLARINI ETKİLEYEN FAKTÖRLER

3. OTURUM SALON/HALL: 1 24 Aralık 2020 Perşembe Saat: 15:20-16:20 / 24 December 2020 Thursday Time: 15:20-16:20		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
15:20-15:35	Tetiana TEPLA Olena LANETS	PROSPECTIVES FOR THE DEVELOPMENT OF COOPERATION BETWEEN THE UNIVERSITIES OF TURKEY AND UKRAINE
15:35-15:50	Waleed Soliman Yousef HAYAJNEH Abdullah Hussein EI-OMARI	THE DIFFERENTIAL ITEM FUNCTION OF ENGLISH LANGUAGE LEVEL TEST ACCORDING TO THE INTERSECTION OF THE TWO VARIABLES: GENDER AND UNIVERSITY STAGE
15:50-16:05	Yusara ANWAR NorLiza ALI	A REVIEW OF THE LANGUAGE POLICIES IN PAKISTAN AGAINST THE BOURDIEUSIAN FRAMEWORK
16:05-16:20	Yong Yong LEE	STUDENTS' PERCEPTION TOWARDS THE USE OF 'ROLL' IN FACILITATING PUBLIC SPEAKING PERFORMANCE

3. OTURUM SALON/HALL: 2 24 Aralık 2020 Perşembe Saat: 15:20-16:20 / 24 December 2020 Thursday Time: 15:20-16:20		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
15:20-15:35	Zulkhairi Bin KHAIRUDIN Nurus Sadiqin Bintiabdul RAZAK KHAN Roslan Bin KAMARUDDIN	DEVELOPEMENT OF GAS STOVE SAFETY MECHANISM WITH IOT SYSTEM (GSSM) IN APPLICATION OF LIQUID PETROLEUM GAS STOVE IN MALAYSIA

15:35-15:50	AhmadFakaruddin Bin MOHDFAUZI Roslan Bin KAMARUDDİN Muhammad Faiz Bin ABDULLAH	THE DEVELOPMENT OF AUTOMATIC NON-LEAFY VEGETABLES CUTTING MACHINE
15:50-16:05	NurusSadiqin ABDUL RAZAK KHAN Nurfaraiza IDRIS Zulkhairi KHAIRUDIN	DEVELOPMENT OF VEHICLE SPEED LIMIT SYSTEM BY USING A SEAT BELT AS A SAFETY DEVICE
16:05-16:20	WanMajdah BINTI TON MAMAT Alias BIN OTHMAN	DEVELOPMENT OF PHYSIOTHERAPY CHAIR FOR STROKE PATIENT

3. OTURUM SALON/HALL: 3 24 Aralık 2020 Perşembe Saat: 15:20-16:20 / 24 December 2020 Thursday Time: 15:20-16:20		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
15:20-15:35	Neslihan SARI Seçil CAN Sümeyye ÇAKICI	OKUL ÖNCESİ DÖNEM ÇOCUKLARININ ADALET DEĞERİ KAZANIMLARINDA EĞİTİMİN ETKİLİLİĞİ
15:35-15:50	Sultan AKDEMİR	ÇOCUKLAR İÇİN FELSEFE VE DEĞERLER ÜZERİNE DÜŞÜNMEK
15:50-16:05	Taner ÇİFÇİ Filiz DERE Nur Hazal EREN	TÜRKİYE’DE OKUL ÖNCESİ ALANINDA DEĞERLER EĞİTİMİYLE İLGİLİ YAPILAN LİSANSÜSTÜ TEZLERİN İNCELENMESİ
16:05-16:20	Muammer KALKAN Sedanur KARNUÇU Cangül AKTAŞ	OKUL ÖNCESİ DÖNEM ÇOCUKLARINA YÖNELİK ÇİZGİ FİMLERİN DEĞERLER EĞİTİMİ AÇISINDAN İNCELENMESİ

3. OTURUM SALON/HALL: 4 24 Aralık 2020 Perşembe Saat: 15:20-16:20 / 24 December 2020 Thursday Time: 15:20-16:20		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
15:20-15:35	Murat KORKMAZ Pınar GİRMEN Nur Özge MENŞAN	ÇEVİRİMİÇİ EĞİTİM SÜRECİNDE VELİ - ÖĞRETMEN İŞBİRLİĞİ
15:35-15:50	Ahmet ŞAHİN	EĞİTİM FAKÜLTESİ ÖĞRENCİLERİNİN UZAKTAN VE YÜZ YÜZE EĞİTİME İLİŞKİN GÖRÜŞLERİ
15:50-16:05	Türkan Berrin KAĞIZMANLI KÖSE	MATEMATİK ÖĞRETMENLERİNİN UZAKTAN EĞİTİM SÜRECİNDE TEKNOLOJİ ENTEGRASYONU HAKKINDAKİ BECERİ VE GÖRÜŞLERİ
16:05-16:20	Esra GERİŞ Yağmur GÜMÜŞ	UZAKTAN EĞİTİM HAKKINDA OKUL ÖNCESİ ÖĞRETMENLERİNİN GÖRÜŞLERİ

3. OTURUM SALON/HALL: 5		
24 Aralık 2020 Perşembe Saat: 15:20-16:20 / 24 December 2020 Thursday Time: 15:20-16:20		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
15:20-15:35	Fatma TİRGİL Güzide ÖZDEMİR	OKUL ÖNCESİ ÖĞRETMENLERİNE YÖNELİK ALGILAR
15:35-15:50	Yağmur KARABULUT Zeynep YILDIRIM ALATAŞ Merve KARTAL	COĞRAFYA DERS KİTAPLARININ DEĞERLER AÇISINDAN İNCELENMESİ
15:50-16:05	Mehtap ÇİFÇİ Mustafa ERSOY	PANDEMİ SÜRECİNDE EĞİTİM ALANINDA YAPILAN ÇALIŞMALARIN EĞİLİMLERİ: TÜRKİYE ÖRNEĞİ
16:05-16:20	Sonay ÇEBİ	EĞİTSEL OYUNLAR

4. OTURUM SALON/HALL: 1		
24 Aralık 2020 Perşembe Saat: 16:30-17:30 / 24 December 2020 Thursday Time: 16:30-17:30		
Oturum Başkanı/ Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
16:30-16:45	Ahmad Faiz Bin Md ISA Ku Lee CHİN NorHafizahBinti Abdul HALİM Ellia Rosnie Binti Budi KARTONO	ADVANCED SYMBIOSIS FOR MEDICAL DEVICE TRACKER AND HOSPITAL MANAGEMENT
16:45-17:00	Ainul Haezah NORUZMAN Sharifuddin JAMAL Ilya ISMAIL	AN OVERVIEW OF ROAD MAINTENANCE WORKS IN JOHOR MALAYSIA: TREATMENT OF DEFECTS USING CIPR AS A REHABILITATION TECHNIQUE
17:00-17:15	Ani binti YAAKUB Norhafizah Binti HASHİM	ANALYSIS OF ALUMINUM CUTTING SURFACE IN THE SAND CASTING PROCESS FOR DJP5022 MECHANICAL WORKSHOP PRACTICS 2 (FOUNDRY)
17:15-17:30	Diana KİNDZERA Oksana DOBROVETSKA Zoriana HNATİV Roman HOSOVSKYİ	APPLICATION OF THE FILTRATION DRYING METHOD FOR FULL USE OF AGRICULTURAL REMAINS

4. OTURUM SALON/HALL: 2 24 Aralık 2020 Perşembe Saat: 16:30-17:30 / 24 December 2020 Thursday Time: 16:30-17:30		
Oturum Başkanı/ Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
16:30-16:45	Nurhaya BANIYAMIN Harlina SHARIF	EXPERIENTIAL LEARNING ON THE IMPORTANCE OF INNOVATION AND SUSTAINABILITY IN TRADITIONAL ARTS AND CRAFTS, CULTURE AND DESIGN ENVIRONMENT
16:45-17:00	Patricia Nora RIGET	GLOBALIZATION AND FOREIGN LANGUAGE EDUCATION IN MALAYSIA
17:00-17:15	Rui SILVA	INTELLECTUAL VIRTUES AND EDUCATION
17:15-17:30	Vishalache BALAKRISHNAN	A NEW NORM FOR VALUES EDUCATION

4. OTURUM SALON/HALL: 3 24 Aralık 2020 Perşembe Saat: 16:30-17:30 / 24 December 2020 Thursday Time: 16:30-17:30		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
16:30-16:45	Duygu DÖNMEZ DEMİR Ümit ÇELEN	ÖĞRETMENLERİN MESLEKLERİ VE ÖĞRENCİ KAVRAMLARI İLE İLGİLİ ALGILARI
16:45-17:00	Ercan KAHYA Selçuk TURAN,	ÖĞRETMENLERİN MESLEKİ GELİŞİM ALGILARI
17:00-17:15	Menşure ALKİŞ KÜÇÜKAYDIN	BİLİM-SÖZDE BİLİM BAĞLAMINDA PEDAGOJİK FORMASYON ÖĞRENCİLERİNİN İRİDOLOJİ, ASTROLOJİ VE BİLİMSEL BİLGİYE YÖNELİK ALGILARI
17:15-17:30	Murat KORKMAZ Nail SAYAR Nur Özge MENŞAN	UZAKTAN EĞİTİMDE YAPILAN LİSANSÜSTÜ ÇALIŞMALARIN DEĞERLENDİRİLMESİ

4. OTURUM SALON/HALL: 4 24 Aralık 2020 Perşembe Saat: 16:30-17:30 / 24 December 2020 Thursday Time: 16:30-17:30		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
16:30-16:45	Canan TUNÇ ŞAHİN	EMPATİ BECERİSİNE YÖNELİK ALTI RENK ALTI GÖRÜŞ ETKİNLİĞİNİN KULLANIMI
16:45-17:00	Mete ARSLAN Ahmet KATILMIŞ	DEĞERLERİN KAZANDIRILMA SÜRECİNDE SOSYAL BİLGİLER ÖĞRETMENLERİNİN KARŞILAŞTIKLARI SORUNLAR VE ÇÖZÜM ÖNERİLERİ
17:00-17:15	Meliha ARSLAN Mete ARSLAN	SORUMLULUK DEĞERİNİN ORTAOKUL SOSYAL BİLGİLER DERS KİTAPLARINDA AKTARIMINA DAİR BİR İNCELEME
17:15-17:30	Ayşe Derya ESKİMEN Gökçe KILIÇOĞLU	SOSYAL BİLGİLER DERS KİTAPLARINDA BULUNAN EDEBİ ÜRÜNLERİN SOSYAL BİLGİLER DERSİ ÖĞRETİM PROGRAMINDA YER ALAN DEĞERLER AÇISINDAN İNCELENMESİ

4. OTURUM SALON/HALL: 5 24 Aralık 2020 Perşembe Saat: 16:30-17:30 / 24 December 2020 Thursday Time: 16:30-17:30		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
16:30-16:45	Özlem GÖZÜN KAHRAMAN Nida KILINÇ	OKUL ÖNCESİ DÖNEMDE OYUNLA İLGİLİ YAPILMIŞ LİSANSÜSTÜ TEZLERİN GÖZDEN GEÇİRİLMESİ (2010-2020)
16:45-17:00	Yakup AYAYDIN Feride ERSOY	SOSYAL BİLGİLER EĞİTİMİNDE TEKNOLOJİ KONULU LİSANSÜSTÜ TEZLERİN ANALİZİ
17:00-17:15	Elif DEMİRCİ Sönmez GİRGİN	ARDUNİO İLE STEM ETKİNLİKLERİNİN FEN BİLİMLERİ ÖĞRETMEN ADAYLARININ ÇEVREYE YÖNELİK TUTUMLARI ÜZERİNDE ETKİSİ
17:15-17:30	Ahmet Cihat ARI	MİMARLIK EĞİTİMİNDE TEKNOLOJİ ALANINDAKİ GELİŞMELERİN TASARIMA ETKİSİNİN İNCELENMESİ

5. OTURUM SALON/HALL: 1 24 Aralık 2020 Perşembe Saat: : 17:40-18:40 / 24 December 2020 Thursday Time: : 17:40-18:40		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
17:40-17:55	Fatma Gülten İLAVLI	ERKEN ÇOCUKLUK DÖNEMİNDE GÖRÜLEN PROBLEMLİ DAVRANIŞLAR VE BU KONUDA AİLELERİN DESTEKLENMESİNE YÖNELİK AİLE GÖRÜŞLERİ
17:55-18:10	Havva Sibel KURT	TÜRKİYE’DE 2020 YILI PANDEMİ DÖNEMİNDE “BİLİM MERKEZLERİ” HAKKINDA NELER YAZILDI? BİR TWITTER ANALİZİ
18:10-18:25	Gülenay PINARBAŞI	NEW AGE UYGULAMALARINDAN-İNANÇLARINDAN ASTROLOJİNİN FACEBOOK’TA YER ALIŞININ BETİMSSEL ANALİZİ
18:25-18:40	Fatma Gülten İLAVLI Murat DURMAZ	ERKEN ÇOCUKLUK DÖNEMİ ÇOCUĞUNUN VE EBEVEYNİNİN TEKNOLOJİK CİHAZ KULLANIMI, ÇOCUĞUN TEKNOLOJİK CİHAZLARI KULLANMA AMACI: BETİMSSEL ARAŞTIRMA

5. OTURUM SALON/HALL: 2 24 Aralık 2020 Perşembe Saat: : 17:40-18:40 / 24 December 2020 Thursday Time: : 17:40-18:40		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
17:40-17:55	Lazzat ALPAMYSSOVA Ömer Faruk VURAL	TÜRKİYE’DEKİ KAZAKİSTANLI ÖĞRENCİLERİNİN TÜRK EĞİTİM SİSTEMİNE ALGISI: SAKARYA ÜZERİNDE
17:55-18:10	Ahmet Cihat ARI	MİMARİ TASARIM EĞİTİMİNDE ÖĞRETİM YÖNTEMLERİ VE TEKNİKLERİ
18:10-18:25	Hakan AYDIN Metin EKEN	DİJİTAL YETKİNLİĞİN İNŞASINDA PRATİK BİR MODELLEME ÖRNEĞİ: SAĞLIKLI DİJİTAL YAŞAM REHBERİ
18:25-18:40	Cevat ÖZARPA Seyit Ali KARA İsa AVCI	SİBER GÜVENLİK SAVUNMA HİYERARŞİSİNDE YENİ BİR EĞİTİM MODELİ

<b>5. OTURUM</b> <b>SALON/HALL: 3</b> <b>24 Aralık 2020 Perşembe Saat: : 17:40-18:40 / 24 December 2020 Thursday Time: : 17:40-18:40</b>		
<b>Oturum Başkanı/Moderator:</b>		
<b>Saat/Time</b>	<b>Yazarlar/Authors</b>	<b>Bildiri Başlığı/Title</b>
17:40-17:55	Osman KARAKAN	COĞRAFYA DERSİ UYGULAMALARINDA YENİ BİR TEKNİK; ORYANTİRİNG
17:55-18:10	Evrin İldem DEVELİ	YEŞİL PAZARLAMA VE YEŞİL TEDARİK ZİNCİRİ YÖNETİMİ SİSTEMİ
18:10-18:25	Veciha ÖZTÜRK	COĞRAFYA ÖĞRETMEN ADAYLARININ TERS YÜZ ÖĞRENME MODELİNE İLİŞKİN GÖRÜŞLERİNİN İNCELENMESİ
18:25-18:40		



## PARALEL OTURUMLAR / PARALLEL SESSIONS

### 2. GÜN 25 ARALIK 2020 CUMA / DAY 2 – 25 DECEMBER 2020 FRIDAY

1. OTURUM SALON/HALL: 1		
25 Aralık 2020 Cuma Saat: : 09:00-10:00 / 25 December 2020 Friday Time: 09:00 – 10:00		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
09:00-09:15	Wan Majdah Binti Ton MAMAT Suaiza Binti KHAİRİ Alias Bin OTHMAN Syarifah Noor Binti DERAMAN	DEVELOPMENT OF LPG GAS LEAKAGE NOTIFICATION SYSTEM FOR DOMESTIC USER
09:15-09:30	Amidah Mohd UJANG Sushilawati ISMAİL Hazruwani A HALİM	BRICK USING SLUDGE AS FINE AGGREGATE
09:30-09:45	Ana KECHAN	THE REIMAGINING OR RUINING OF THE FAIRY TALE: ANGELA CARTER AND ANDRZEJ SAPKOWSKI
09:45-10:00	Bayan Al-Momany Saeid Abu-Romman	OPR1 AND OPR2 FROM BARLEY ARE DIFFERENTIALLY REGULATED IN RESPONSE TO ABIOTIC STRESSES AND HORMONAL STIMULI

1. OTURUM SALON/HALL: 2		
25 Aralık 2020 Cuma Saat: : 09:00-10:00 / 25 December 2020 Friday Time: 09:00 – 10:00		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
09:00-09:15	Bobojonov Shavkat ULUG'BEKOVICH	MECCA AND BUKHARA: SIMILARITIES IN THE ELEMENTS OF HAJJ
09:15-09:30	Dilnoza Jamolova	MUTUAL RELATIONS OF THE GOVERNMENT OF TURKEY UNDER MUSTAFA KEMAL ATATURK AND PEOPLE'S SOVIET REPUBLIC OF THE BUKHARA
09:30-09:45	Dawood Abdulmalek Yahya AL-HIDABI	A PROPOSED MAQSED-BASED HUMAN NEEDS' MODEL
09:45-10:00	Hayotova Nafisa ZAKIROVNA	REFORMS IN THE SYSTEM OF PROFESSIONAL COLLEGES (ON THE EXAMPLE OF BUKHARA)

1. OTURUM SALON/HALL: 3		
25 Aralık 2020 Cuma Saat : 09:00-10:00 / 25 December 2020 Friday Time: 09:00 – 10:00		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
09:00-09:15	Seçkin AYDIN	PALEOLİTİK ÇAĞDA ATEŞİN KULLANIMININ KÜLTÜREL GELİŞİME ETKİSİ
09:15-09:30	Fatma KORKMAZ HAZAR	ŞEHNÂMECİ SEYYİD LOKMAN VE ESERİ HÜNERNÂME
09:30-09:45	Seçkin AYDIN	TARİH ÖNCESİ ÇAĞLARDA BRONZ KULLANIMININ KÜLTÜREL GELİŞİME ETKİSİ
09:45-10:00	Abdurrahman OKUYAN	VİLAYET SALNÂMELERİNE GÖRE 19. YÜZYILIN İKİNCİ YARISINDA SAMSUN'DA MEDRESELER

1. OTURUM SALON/HALL: 4		
25 Aralık 2020 Cuma Saat : 09:00-10:00 / 25 December 2020 Friday Time: 09:00 – 10:00		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
09:00-09:15	Güllü Manolya BAYRAKTAR	ÖĞRENCİLERİN AHLAKİ OLGUNLUK DÜZEYLERİ İLE DKAB DERSİNE YÖNELİK TUTUMLARI ARASINDAKİ İLİŞKİNİN İNCELENMESİ (RİZE İLİ ÖRNEĞİ)
09:15-09:30	Yüksel GİRGIN	DEĞERLER EĞİTİMİ BAĞLAMINDA YAHYA KEMAL BEYATLI'NIN "SÜLEYMANİYE'DE BAYRAM SABAHİ" İSİMLİ ŞİİRİNDE İŞLENEN "VATAN VE MİLLET SEVGİSİ DEĞERİNİN" İNCELENMESİ
09:30-09:45	Tuğba GÖRGÜN	NURETTİN TOPÇU'DA AHLÂK VE DİN İLİŞKİSİ
09:45-10:00	Okay DEMİR	MAARİF NAZIRI EMRULLAH EFENDİ'NİN EĞİTİME İLİŞKİN GÖRÜŞLERİ

2. OTURUM SALON/HALL: 1		
25 Aralık 2020 Cuma Saat : 10:10 – 11:10 / 25 December 2020 Friday Time: 10:10 – 11:10		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
10:10-10:25	Harlina MD SHARIF Nurhaya BANIYAMIN Rajabi ABDUL RAZAK	EMBEDDING HERITAGE AWARENESS AMONG SCHOOL CHILDREN THROUGH INQUIRY-BASED PROJECTS FOR OUTREACH PROGRAMMES
10:25-10:40	Hazwani SİDİK Alias MASEK Ali Raza JAMALİ	PERCEPTION OF PROBLEM BASED LEARNING AMONG ENGINEERING STUDENTS WITH ENGLISH AS A SECOND LANGUAGE AT UNDER GRADUATE LEVEL
10:40-10:55	Ilya ISMAIL Nor Khairul Aina MATDIN Astrahuda Kamarulaini MOHD FAHMI	LEARNING EFFICIENCY USING ONLINE EDUCATION FOR THE DEVELOPMENT OF THE STUDENT PROJECT IN POLITEKNIK MALAYSIA: A STUDY DURING PANDEMIC COVID
10:55-11:10	Rania QUTİESHAT	DIFFICULTIES FACING GRADUATE STUDENTS IN WRITING THEIR UNIVERSITY THESIS FROM THE POINT OF VIEW OF SUPERVISORS / CASE STUDY : AL-BALQA APPLIED UNIVERSITY

2. OTURUM SALON/HALL: 2 25 Aralık 2020 Cuma Saat: : 10:10 – 11:10 / 25 December 2020 Friday Time: 10:10 – 11:10		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
10:10-10:25	Suaiza KHAİRİ Nazratulhuda HASHİM Mohd Sharizan Mohd SHARİF	CASE STUDY OF THE PERFORMANCE OF DISABLED STUDENTS' SKILLS UNDERGOING INDUSTRIAL TRAINING IN THE AUTOMOTIVE FIELD
10:25-10:40	Zaid Suleiman Mohammad AL EDWAN Jawhara Darwish ABUEİTA	E-LEARNING PROBLEMS CONSIDERING THE CORONA PANDEMIC, FROM THE VIEWPOINT OF GRADUATE STUDENTS
10:40-10:55	Zubairi YONG Z	SOME PERSPECTIVES ON STEM EDUCATION IN MALAYSIA
10:55-11:10	Rehman SEFEROV Gabil SEMEDOV	AZERBAYCAN COĞRAFYA EĞİTİMİNDE MOTİVASYON ETKİSİ

2. OTURUM SALON/HALL: 3 25 Aralık 2020 Cuma Saat: : 10:10 – 11:10 / 25 December 2020 Friday Time: 10:10 – 11:10		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
10:10-10:25	Aspirant Şevket Başer KEMAHLI Merve KARADENİZ	EĞİTİM POLİTİKASI KAVRAMININ TANIMI VE RUSYA FEDERASYONUNDA UYGULANMASI
10:25-10:40	Aslı ŞAVUK Şebnem KANDİL İNGEÇ	METAFOR KONUSUNDA YAPILMIŞ ÇALIŞMALARIN LİSANSÜSTÜ TEZLERE DAYALI ANALİZİ: YÖK VERİ TABANLARI ÖRNEKLEMİ
10:40-10:55	Burcu ORAK Oğuz COŞKUN Özlem KEKLİK	TÜRKİYE'DEKİ OKUL ÖNCESİ DÖNEM ÇEVRE EĞİTİMİ ÇALIŞMALARININ İNCELENMESİ: 2010-2020 YILLARI ARASINDAKİ LİSANSÜSTÜ ÇALIŞMALARIN İNCELENMESİ
10:55-11:10	Yusuf GÜLTEKİN Celal DEPECİ	TÜRKİYE'DE COĞRAFYA ÖĞRETİMİNDE KULLANILAN YAKLAŞIM- YÖNTEM – TEKNİK VE UYGULAMALARI KONU ALAN TEZLERİN ANALİZİ

2. OTURUM SALON/HALL: 4 25 Aralık 2020 Cuma Saat: : 10:10 – 11:10 / 25 December 2020 Friday Time: 10:10 – 11:10		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
10:10-10:25	Seda SARAÇ Tuğba ABANOZ Hülya GÜLAY OGEMAN	OKUL ÖNCESİ DÖNEM ÖZDÜZENLEME BECERİLERİNDE KARDEŞ ETKİSİ
10:25-10:40	Muammer KALKAN Hilal KILIÇ Ümmügülsüm ÖZTÜRK	OKUL ÖNCESİ ÖĞRETMENLERİNİN ETKİNLİKLERDE KULLANDIKLARI RESİMLİ ÇOCUK KİTAPLARININ DEĞERLER EĞİTİMİ AÇISINDAN SINIFLANDIRILMASI

10:40-10:55	Fatma ÖZMÜFTÜOĞLU Adalet KANDIR	OKUL ÖNCESİ EĞİTİMDE SOSYAL UYUM VE BECERİLERE İLİŞKİN TÜRKİYE'DE YAPILAN BİLİMSEL ÇALIŞMALARIN İNCELENMESİ
10:55-11:10	Şehnaz CEYLAN Nida KILINÇ Hatice BEŞİR Necmettin ARAT	ÇOCUK GELİŞİMİ ÖĞRENCİLERİNİN MERHAMET VE ÇOCUK SEVME DAVRANIŞLARI ARASINDAKİ İLİŞKİNİN İNCELENMESİ

3. OTURUM SALON/HALL: 1 25 Aralık 2020 Cuma Saat: : 11:20 – 12:20 / 25 December 2020 Friday Time: 11:20 – 12:20		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
11:20-11:35	Andra SECELEANU Aurel PAPARI Irina SUNDA	IMPACT OF COVID 19 IN HIGHER EDUCATION IN ROMANIA
11:35-11:50	Ashok DARYANI	INTERNATIONALIZATION OF HIGHER EDUCATION IN INDIA AND THE BENEFIT FOR FOREIGN STUDENTS
11:50-12:05	Baharuddin MUSTAPHA Idris KAMARUDDIN Khairul Napisham RAZAK	IOT BASED NON-INVASIVE BLOOD PRESSURE KIT FOR EDUCATION PURPOSES
12:05-12:20	Aseel HASSAN Abdul-karim AL-SHİPLE Bashar Tlilan ALSALEEM	A PROPOSED EDUCATIONAL ROLE FOR PUBLIC SCHOOL PRINCIPALS TO ACTIVE THE VOLUNTARY SOCIAL WORK AMONG STUDENTS

3. OTURUM SALON/HALL: 2 25 Aralık 2020 Cuma Saat: : 11:20 – 12:20 / 25 December 2020 Friday Time: 11:20 – 12:20		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
11:20-11:35	Fariza Binti ZAHARI Abu Bakar Hafis Bin KAHAR Mas Yuniza Ali MUKHTAR	RECOGNIZING THE STRESS LEVEL BETWEEN CORPORATE EMPLOYEE AND SELF-EMPLOYEE USING WEAR SENSORS
11:35-11:50	Giha TARDAN Mohd Elias B. DAUD Mohd Lothfi Bin YAAKUB Salhana Bt SAHİDİN	INNOVATION OF PILLOW FILLING MACHINE (PRO-FILLER) FOR SMALL AND MEDIUM INDUSTRIES
11:50-12:05	Hasni HASHİM Nur Iman Faliq bin AZALI Zarul Aswad bin ZAINOL Muhammad Muallip bin MAASUM Muhammad Saifullzzat bin JAFRI	TO STUDY THE LEVEL OF AWARENESS AND READINESS ON MYTNB AMONG TTDI JAYA RESIDENTS (JAYA APARTMENT)
12:05-12:20	Iryna HUZOVA	ENERGY-SAVING METHOD OF DRYING PLANT MATERIALS

<b>3. OTURUM</b> <b>SALON/HALL: 3</b> <b>25 Aralık 2020 Cuma Saat: : 11:20 – 12:20 / 25 December 2020 Friday Time: 11:20 – 12:20</b>		
<b>Oturum Başkanı/Moderator:</b>		
<b>Saat/Time</b>	<b>Yazarlar/Authors</b>	<b>Bildiri Başlığı/Title</b>
11:20-11:35	Tuğçe ŞAP Mevhibe KOBAK DEMİR	MATEMATİK ÖĞRETMEN ADAYLARININ WEB PEDAGOJİK İÇERİK BİLGİSİ ve WEB 2.0 HIZLI İÇERİK GELİŞTİRME ÖZ-YETERLİK İNANÇLARI ARASINDAKİ İLİŞKİNİN İNCELENMESİ
11:35-11:50	Nihat YAŞAR Muhammed Said AKAR	ÖĞRENCİLERİN FEN KONULARI İLE İLGİLİ HAZIRLADIKLARI ANALOJİ TÜRLERİ İLE ÖĞRENME STİLLERİ ARASINDAKİ İLİŞKİNİN İNCELENMESİ
11:50-12:05	Emine Büşra BİLGİNER Emine UZUN	FEN BİLİMLERİ ÖĞRETMENİ ADAYLARININ MAYOZ BÖLÜNME KONUSUNU YAVAŞ GEÇİŞLİ ANİMASYON TEKNİĞİ İLE MODELLEMELERİ
12:05-12:20	Keylanur ERGENÇ Canay PEKBAY	FEN BİLİMLERİ YÜKSEK LİSANS ÖĞRENCİLERİNİN UZAKTAN STEM EĞİTİMİ VE BU KAPSAMDA GERÇEKLEŞTİRİLEN UYGULAMALAR HAKKINDAKİ GÖRÜŞLERİ

<b>3. OTURUM</b> <b>SALON/HALL: 4</b> <b>25 Aralık 2020 Cuma Saat: : 11:20 – 12:20 / 25 December 2020 Friday Time: 11:20 – 12:20</b>		
<b>Oturum Başkanı/Moderator:</b>		
<b>Saat/Time</b>	<b>Yazarlar/Authors</b>	<b>Bildiri Başlığı/Title</b>
11:20-11:35	Esra VARÇIN Aslıhan KOCAMAN KAROĞLU	PANDEMİ DÖNEMİNDE UZAKTAN BLOK TABANLI PROGRAMLAMA ÖĞRETİMİ KONUSUNDA BİLİŞİM TEKNOLOJİLERİ ÖĞRETMENLERİNİN GÖRÜŞLERİ
11:35-11:50	Vahit Ağa YILDIZ	COVID-19 SALGIN DÖNEMİ UZAKTAN EĞİTİM SÜRECİNE İLİŞKİN ÖĞRETMEN VE VELİ GÖRÜŞLERİNİN İNCELENMESİ
11:50-12:05	Muhammed PEKBALCI Havva YAMAK	FEN BİLİMLERİ ÖĞRETMENLERİNİN UZAKTAN EĞİTİM KAVRAMINA İLİŞKİN METAFOR ALGILARI
12:05-12:20	Arzu KALAFAT ÇAT Rengim SİNE NAZLI	EĞİTİMDE DİJİTALLEŞMENİN BASINDA SUNUMUNA İLİŞKİN ELEŞTİREL SÖYLEM ANALİZİ: COVID-19 ÖRNEĞİ

<b>4. OTURUM</b> <b>SALON/HALL: 1</b> <b>25 Aralık 2020 Cuma Saat: : 13:30 – 14:30 / 25 December 2020 Friday Time: 13:30 – 14:30</b>		
<b>Oturum Başkanı/Moderator:</b>		
<b>Saat/Time</b>	<b>Yazarlar/Authors</b>	<b>Bildiri Başlığı/Title</b>
13:30-13:45	Mohd Sharizan Bin MOHD SHARİF Suaiza Binti KHAİRİ	DEVELOPMENT OF PROTOTYPE SELF-ADMISSION GATE USING SMARTPHONE APPLICATION
13:45-14:00	Mredu GOYAL Ravi Kumar GOYAL	BSDU MODEL: ENHANCING EMPLOYABILITY SKILLS
14:00-14:15	Mariana Binti ROSDİ	THE DEVELOPMENT OF AUGMENTED REALITY APPLICATION BY USING VUFORIA AND UNITY FOR ELECTROCARDIOGRAPH MACHINE
14:15-14:30	Naagajoothi Adin NARAİNA Seri HafsaBinti Ab RAZAK Nur Zulaikha Binti ZUBİR	DIGITAL PARALYSED WALKER INTERPHASE MONITORING DEVICE

<b>4. OTURUM SALON/HALL: 2</b> <b>25 Aralık 2020 Cuma Saat: : 13:30 – 14:30 / 25 December 2020 Friday Time: 13:30 – 14:30</b>		
<b>Oturum Başkanı/Moderator:</b>		
<b>Saat/Time</b>	<b>Yazarlar/Authors</b>	<b>Bildiri Başlığı/Title</b>
13:30-13:45	Nur Sa'adah MOHDHİSAM	CUSTOMER PURCHASE INTENTION TOWARDS HEALTH INSURANCE IN KLANG VALLEY, SELANGOR
13:45-14:00	Orest HORBAY Yurii VOİCHYSHYN Eugenia YAKOVENKO	STUDY OF THE HEATING SYSTEM OF A CITYBUS
14:00-14:15	Pustovalov A. S. Tkachenko O.O. Matviienko M.G Grodzyuk G.Y. Andryushina N.S. Dzerzhinsky M.E.	MORPHOFUNCTIONAL STATE OF THE VISCERAL WHITE ADIPOSE TISSUE OF RATS WITH OBESITY AND AFTER SILVER NANOPARTICLES ADMINISTRATION
14:15-14:30	Rohana SAHAK Sharizan Mat SAAT	PERFORMANCE ANALYSIS THICKNESS LAYER CIGS OF TANDEM SOLAR CELLS USING AMPS-1D

<b>4. OTURUM SALON/HALL: 3</b> <b>25 Aralık 2020 Cuma Saat: : 13:30 – 14:30 / 25 December 2020 Friday Time: 13:30 – 14:30</b>		
<b>Oturum Başkanı/Moderator:</b>		
<b>Saat/Time</b>	<b>Yazarlar/Authors</b>	<b>Bildiri Başlığı/Title</b>
13:30-13:45	Tuğba Cevriye ÖZKARAL Recep BOZYİĞİT	ORTAOKUL 8. SINIF ÖĞRENCİLERİNİN YERYÜZÜ ŞEKİLLERİNE YÖNELİK ALGILARININ KELİME İLİŞKİLENDİRME TESTİ (KİT) ARACILIĞIYLA İNCELENMESİ
13:45-14:00	Cennet ŞANLI	ORTAÖĞRETİM ÖĞRENCİLERİNİN GÖÇ TERMİNOLOJİSİNDEKİ BAZI KAVRAMLARA YÖNELİK ALGILARININ KELİME İLİŞKİLENDİRME TESTİ ARACILIĞIYLA İNCELENMESİ
14:00-14:15	Ayşe ŞİMŞEK BATAR Yasemin ÇAYIR Tuğba TETİK Melek ÇAKICI Dilek ERDURAN AVCI Hasan GENÇ	DOĞA EĞİTİMİ KATILIMCILARININ DOĞA VE ÇEVRE KAVRAMLARINA İLİŞKİN ALGILARININ İNCELENMESİ: TÜBİTAK 4004 BURASI BURDUR DOĞADA DUR PROJESİ ÖRNEĞİ
14:15-14:30	Ayşe ŞİMŞEK BATAR Yasemin ÇAYIR Tuğba TETİK Melek ÇAKICI Dilek ERDURAN AVCI Hasan GENÇ	DOĞA EĞİTİMİ KATILIMCILARININ YAŞAM BECERİLERİNİN VE ÇEVRE OKURYAZARLIĞININ İNCELENMESİ: TÜBİTAK 4004 BURASI BURDUR DOĞADA DUR 2 PROJESİ ÖRNEĞİ

<b>4. OTURUM</b> <b>SALON/HALL: 4</b> <b>25 Aralık 2020 Cuma Saat: : 13:30 – 14:30 / 25 December 2020 Friday Time: 13:30 – 14:30</b>		
<b>Oturum Başkanı/Moderator:</b>		
<b>Saat/Time</b>	<b>Yazarlar/Authors</b>	<b>Bildiri Başlığı/Title</b>
13:30-13:45	Cevat ÖZARPA Fatih ŞENGÜL	GİRİŞİMCİLİK EKOSİSTEMİ UNSURLARI ARASINDA GİRİŞİMCİLİK EĞİTİMİ
13:45-14:00	Mustafa YAŞAR Fatih AYDIN	ŞEKER FABRİKALARININ SOSYOEKONOMİK ETKİLERİ: YOZGAT ŞEKER FABRİKASI ÖRNEĞİ
14:00-14:15	Esengül DOĞRU Emine KOÇAK	COVID-19 SALGINININ TURİZM KONAKLAMA İŞLETMELERİNE ETKİSİ (FETHİYE ÖRNEĞİ)
14:15-14:30	Ali ÖZÇAĞLAR Özgür GÖKMEN İbrahim EGE	DOĞAL ORTAM İNSAN ETKİLEŞİMİNDE SANATORYUM HASTANELERİ: BALLIDAĞ SANATORYUM HASTANESİ ÖRNEĞİ

<b>5. OTURUM</b> <b>SALON/HALL: 1</b> <b>25 Aralık 2020 Cuma Saat: : 14:40 – 15:40 / 25 December 2020 Friday Time: 14:40 – 15:40</b>		
<b>Oturum Başkanı/Moderator:</b>		
<b>Saat/Time</b>	<b>Yazarlar/Authors</b>	<b>Bildiri Başlığı/Title</b>
14:40-14:55	Siti Zalihabinti OMAR Noorhanezabinti MAT NOOR	LIBERALISATION OF MOTOR INSURANCE IN MALAYSIA; A STUDY ON THE FACTORS INFLUENCING CUSTOMERS CHOICE FOR MOTOR INSURANCE COMPANY AMONG THE STAFF OF POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH
14:55-15:10	Nguyen Thuy VAN Hamdan SAİD Dian Diyana Abdul GHANI Nor Haniza SARMİN MohdRustam MOHDRAMELİ Najua Syuhada Ahmad ALHASSORA	AN INSTRUCTIONAL STRATEGY FRAMEWORK FOR LEARNER ACHIEVEMENT IN ONLINE LEARNING ENVIRONMENT
15:10-15:25	Salizawati KAMARUZZAMAN Zahid DAİM	EFFECTIVENESS OF ONLINE SUPPLIER PERFORMANCE EVALUATION
15:25-15:40	Julianti SAMSUDİN Lilis Seri Yana SİRÜN Nor Zarina PİTDİN	THE INFLUENCES OF CONSUMER ATTITUDES TOWARDS PURCHASE INTENTIONS OF BATIK MALAYSIA

5. OTURUM SALON/HALL: 2		
25 Aralık 2020 Cuma Saat: : 14:40 – 15:40 / 25 December 2020 Friday Time: 14:40 – 15:40		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
14:40-14:55	Małgorzata OBRYCKA	HUMANITARIANISMAND EDUCATION – A POST HUMANIST PERSPECTIVE
14:55-15:10	Ku Lee CHİN Marlina Binti RAMLI Ahmad Faiz Bin Md ISA	HEALTHCARE SMART MEDICAL DEVICE TRACKING SYSTEM IN HOSPİTAL
15:10-15:25	Nazratulhuda HASHİM	STUDY OF THE INFLUENCE OF BALLMILLING PROCESS IN TRONOH SILICA SAND
15:25-15:40	Ihor PETRUSHKA Kateryna PETRUSHKA	ADSORPTION PROCESSES FOR WASTEWATER TREATMENT FROM NICKEL IONS

5. OTURUM SALON/HALL: 3		
25 Aralık 2020 Cuma Saat: : 14:40 – 15:40 / 25 December 2020 Friday Time: 14:40 – 15:40		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
14:40-14:55	Lokman GÜRGEN Mustafa ERSOY	TEKNOLOJİ BAĞLAMINDA EĞİTİM ALANINDA YAPILAN ÇALIŞMALARIN İNCELENMESİ
14:55-15:10	Büşra BAYSAL	SOSYAL MEDYADA KORONAVİRÜS KONULU PAYLAŞIMLARIN HALK MİZAHİ VE MİZAH KURAMLARI BAĞLAMINDA DEĞERLENDİRİLMESİ
15:10-15:25	Namık Kemal DEMİR	EĞİTİM YÖNETİMİNDE KARAR AŞAMASINDA YAPAY ZEKÂNIN KULLANILABİLİRLİĞİ ÜZERİNE BİR DEĞERLENDİRME
15:25-15:40	Osman OKUMUŞ	TARİH BİLGİSİNİ UZAKTAN ÖLÇME: ÜNİVERSİTE ÖĞRENCİLERİ VE AKADEMİSYENLER NE DÜŞÜNÜYOR?

5. OTURUM SALON/HALL: 4		
25 Aralık 2020 Cuma Saat: : 14:40 – 15:40 / 25 December 2020 Friday Time: 14:40 – 15:40		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
14:40-14:55	Ayla İŞLER Ayşe KARABEY TEKİN	OKUL ÖNCESİ DÖNEMDE UYGULANAN SANAT ETKİNLİKLERİNDE TASARIM SÜRECİNE İLİŞKİN ÖĞRETMEN GÖRÜŞLERİNİN İNCELENMESİ
14:55-15:10	Seçkin AYDIN Menekşe AYDIN	SÜPERPANOPTİKON VE BÜYÜK VERİ KAVRAMLARININ GÖZETİM ÇALIŞMALARİ KAPSAMINDA İNCELENMESİ
15:10-15:25	Menekşe AYDIN	TRANSMEDYA VE ÇAPRAZ MEDYA HİKÂYE ANLATICILIĞI YÖNTEMLERİNİN SANAT ALANINDA KULLANILMASI
15:25-15:40	Şirin KOÇAK ÖZESKİCİ	SANAT ESERLERİNDE MAVİ RENGİN KAVRAMSAL VE ANLAMSAL YAPISI



6. OTURUM SALON/HALL: 1		
25 Aralık 2020 Cuma Saat: : 15:50 – 16:50 / 25 December 2020 Friday Time: 15:50 – 16:50		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
15:50-16:05	Hudaa Mardhiyah Kamarul ZAMAN Rosseni DİN Siti Salwa Md SAWARI	A PROPOSED RESEARCH ON MILLENNIAL GENERATION PREFERENCE IN DIY UMRAH GUIDE
16:05-16:20	Ismail Bin JAAFAR Nurfadzleena Binti MD. FAUZAN	PERSPECTIVE OF MULTILINGUAL PHENOMENON AMONG STUDENTS OF INTERNATIONAL ISLAMIC UNIVERSITY OF MALAYSIA
16:20-16:35	Nafisa KHAYOTOVA	REFORMS IN THE SYSTEM OF PROFESSIONAL COLLEGES
16:35-16:50	Seyhan Murtezan İBRAHİMİ	TURKISH LITERATURE IN THE YUGOSLAVIAN ERA: LETTERIZATION BETWEEN NECATİ ZEKERİYA AND ZEYNEL BEKSAÇ

6. OTURUM SALON/HALL: 2		
25 Aralık 2020 Cuma Saat: : 15:50 – 16:50 / 25 December 2020 Friday Time: 15:50 – 16:50		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
15:50-16:05	Mesut YİĞİT	ÇOCUKLARDA İSLAMİ KİMLİK İNŞASI BAĞLAMINDA İMAM KUŞEYRÎ'NİN ER-RİSALE'SİNDE GEÇEN KISSALARIN TAHLİLİ
16:05-16:20	Seyyid SANCAK	PEDAGOJİK AÇIDAN DİYANET İŞLERİ BAŞKANLIĞI 4-6 YAŞ KUR'AN KURSLARI ÖĞRETİCİ KİTABI (I-II) ÜZERİNE GENEL DEĞERLENDİRME
16:20-16:35	Kamil ÇOŞTU	1826'DAN 1923'E ASKERİN DİN EĞİTİMİ
16:35-16:50	Kamil ÇOŞTU	1826'DAN 1923'E DİN EĞİTİMİNE YÖNELİK NEŞREDİLEN ESERLER BİBLİYOGRAFYASI

6. OTURUM SALON/HALL: 3		
25 Aralık 2020 Cuma Saat: : 15:50 – 16:50 / 25 December 2020 Friday Time: 15:50 – 16:50		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
15:50-16:05	Zafer TOPAK	ŞAİRLER SULTANI BÂKÎ'NİN ŞAİRLİK ÖZELLİKLERİ
16:05-16:20	İlyas PÜR	YUNUS EMRE'NİN İNANÇ İLE İLGİLİ GÖRÜŞLERİNİN PSİKOLOJİK AÇIDAN DEĞERLENDİRİLMESİ
16:20-16:35	Bayram BAŞ Devrim YETER	YABANCILARA TÜRKÇE ÖĞRETİMİ KİTAPLARINDA TÜRK FOLKLORU ÜZERİNE BİR DURUM TESPİTİ :B1-C1 ÖRNEĞİ
16:35-16:50	Ahmet Ziyaüddin CERAN	MUHÂSABÎ'NİN (ö. 243/857) er-RİÂYE li-HUKÛKİLLAH'INDA KALBİN EĞİTİMİ: İYİ DAVRANIŞLAR KAZANMAK, ALIŞKANLIKLARDAN KURTULMAK

7. OTURUM SALON/HALL: 1		
25 Aralık 2020 Cuma Saat: : 17:00 – 18:00 / 25 December 2020 Friday Time: 17:00 – 18:00		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
17:00-17:15	Fitnat GÜRGİL	SOSYAL BİLGİLER ÖĞRETMEN VE ÖĞRETMEN ADAYLARININ SORU SORMA BECERİLERİNİN İNCELENMESİ
17:15-17:30	Hüseyin BAYRAM	SOSYAL BİLGİLER DERSİNDE HUKUK OKURYAZARLIĞI BECERİSİ NASIL KAZANDIRILIR? ÖĞRETMEN GÖRÜŞLERİNE DAYALI BİR ARAŞTIRMA
17:30-17:45	Hatice TÜRE	ALTERNATİF DEĞERLENDİRME ARACI OLARAK ÖĞRENCİ GÜNLÜKLERİNDEN YARARLANMA: SOSYAL BİLGİLER ÖĞRETMEN ADAYLARININ DENEYİMLERİ
17:45-18:00	Ünal ŞİMŞEK	SOSYAL BİLGİLER ÖĞRETMEN ADAYLARININ GÜNÜMÜZ DÜNYA SORUNLARINA YÖNELİK TUTUMLARININ İNCELENMESİ

7. OTURUM SALON/HALL: 2		
25 Aralık 2020 Cuma Saat: : 17:00 – 18:00 / 25 December 2020 Friday Time: 17:00 – 18:00		
Oturum Başkanı/Moderator:		
Saat/Time	Yazarlar/Authors	Bildiri Başlığı/Title
17:00-17:15	Şeyma GÜLDAL	KORE POP (K-Pop) MÜZİK GRUPLARININ ERGENLERİN PSİKOSOSYAL GELİŞİMLERİNDEKİ YERİNİN İNCELENMESİ
17:15-17:30	Özlem GÖZÜN KAHRAMAN Nida KILINÇ	OKUL ÖNCESİ ÇOCUĞA SAHİP ANNE BABALARIN OYUN ETKİLEŞİMLERİNİN İNCELENMESİ
17:30-17:45	Mehmet Onur AK	AİLELERİN ÇOCUKLARINI SPOR EĞİTİMİNE YÖNLENDİRME SEBEPLERİ
17:45-18:00	Barış DOĞRUKÖK Zeynep Neva DOĞAN Hasan Can ERBEN Ceyda KARCAALTINCABA	SOSYAL HİZMETLERDE GÖREV YAPAN PERSONELİN SUÇA SÜRÜKLENEN ÇOCUKLARLA İLGİLİ GÖRÜŞLERİNİN İNCELENMESİ

18:30	<b>DEĞERLENDİRME VE KAPANIŞ KONUŞMASI</b>
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# **ISOEVA**

**INTERNATIONAL  
SYMPOSIUM of  
EDUCATION and  
VALUES**

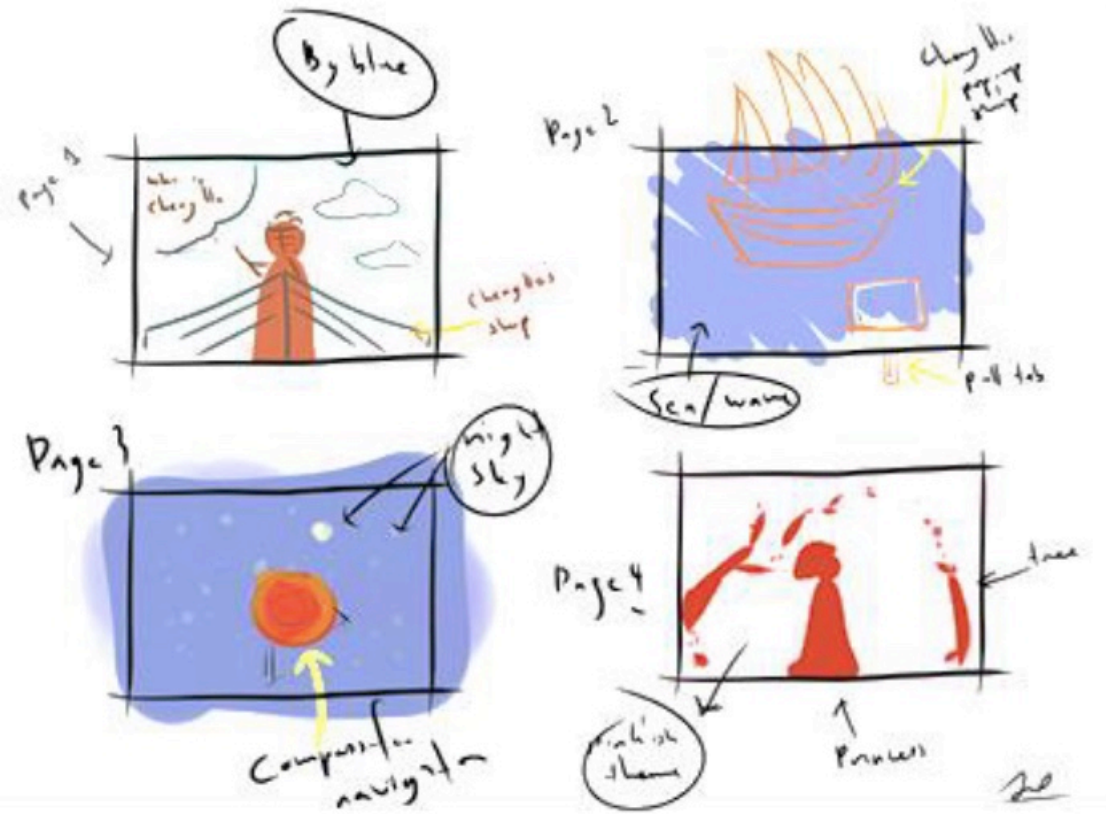
**24-26 December 2020  
Karabuk, TURKEY**



**4th International Education and Values Symposium  
(ISOEVA) / ONLINE**

**24 - 26 December 2020 Karabuk**

**4<sup>th</sup>**



## **EMBEDDING HERITAGE AWARENESS AMONG SCHOOL CHILDREN THROUGH INQUIRY-BASED PROJECTS FOR OUTREACH PROGRAMMES**

***Harlina MD SHARIF , Nurhaya BANIYAMIN, Rajabi ABDUL RAZAK***

*Department of Applied Arts and Design,  
Kulliyyah of Architecture & Environmental Design,  
International Islamic University Malaysia*



# 1. Introduction: Inquiry-based learning

- The value of inquiry-based learning approaches have long been recognised in school education and there is growing evidence of the efficacy of, and movement towards, inquiry approaches in higher education undergraduate courses. Often associated with the work of Dewey (1938) and Bruner (1966) and constructivist learning theory, inquiry-based learning is commonly described as an interactive, student-driven process, where knowledge is constructed rather than transmitted.





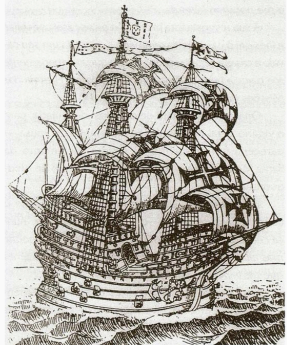
# 1. Introduction: Inquiry-based learning

- We know that children learn from stories. They learn about the past from their families and they always begin with that. They understand by asking questions from photographs shown to them. Those photographs that children learn about. Those stories that have been told. Pieces of music. Perhaps a particular brooch or a personal piece of jewellery. A piece of pottery.
- Whatever it might be to actually bring them in and allow them to tell a story. Allow them to ask questions. Or allow them to answer questions due to curiosity.
- That will allow them to learn by interacting with the 'world' by encouraging learning through interactive, hands-on/minds-on, participatory, and immersive engagement. Instead of knowledge being transmitted and history to be memorised based to conventional method, we want to inspire children to know about history and heritage through fun and interactive ways.



## 2. Problems with teaching history and heritage in Malaysia

- In Malaysia, history about the nation's past is mainly in the forms of literary work. The country does not possess many architectural heritage or historical artefact that aged more than 300 years old.
- Despite the fact that Melaka was once the most-envied entrepôt and an Islamic Sultanate, nothing is left of the glorious tradition except for few potteries found from joint maritime excavation, drawings of the historical ships in literary works, remnants of forts and buildings belonging to the colonial powers that came to the region, the Portuguese, the Dutch and the British. What about indigenous history and monuments?
- Museum's role to educate the public must not be limited to only displaying objects in glass boxes, unable to be touched, static and un-interactive.



Malacca City, Malaysia: Flor de la mar, Replica of Portuguese ship, built in 1994. ( **CC BY-SA 3.0** )



# 2. Problems with teaching history and heritage in Malaysia

*Visitors' ideas about interactive and non-interactive museums (Adams, 2002)*

INTERACTIVE	NON-INTERACTIVE
Exciting, enjoyable Interesting way to demonstrate things Colourful Touch, feel, hold, handle Get involved, participate	Boring Keep off Look-but-don't-touch Nothing to do
Explore and play Experiment Use all senses Social interaction	Passive Look, read Labels
Appreciate, think, understand Get an insight More educational, easier to learn Learn more and in different ways	Cannot absorb anything
Aimed at children Exhibits are unbreakable Children are safe here Freedom of movement Relaxing	Adult-centred Keep an eye on the children Afraid of breaking things (behavioural & physical constraints)
Time flies (flow) Stay longer Remember (long-term effect)	Get in, get out



# 3. Initial survey on teaching history and heritage in Malaysia

A review onto primary school syllabus also exhibits that history taught is very much selective and incomplete in terms of content. The method of delivery is very much theoretical thereby making history (and with it heritage) being one of the most unpopular subjects!

No	School Syllabus (textbook)	History of Malay architectural heritage	Type of Malay architectural heritage	Type and differences of traditional Malay House	Malay house elements	Placement area for ethnic in Malaysia	Cultural art, festival and craft in Malaysia	History of Malay world and its culture	History of the state in Malaysia
1.	<i>Bahasa Melayu</i> for Standard 5								
2.	<i>Bahasa Melayu</i> for Standard 6								
3.	<i>Sejarah</i> for Standard 6								
4.	<i>Sejarah</i> for Form 2								
5.	<i>Bahasa Melayu</i> for Form 3								

	Primary School Syllabus		Secondary School Syllabus		None		Partial		Helpful
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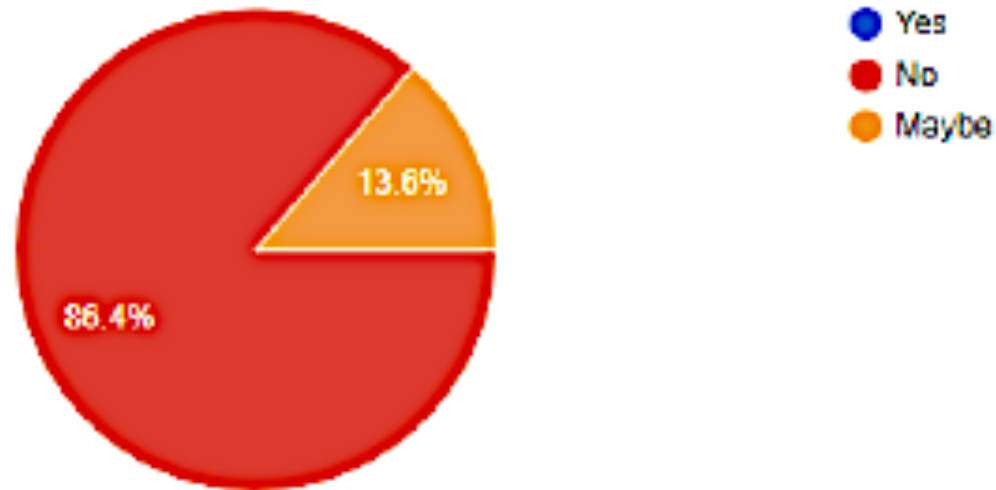


# 3. Initial survey on teaching history and heritage in Malaysia cont...

Teachers' perceptions on the primary school syllabus and impact on young generations

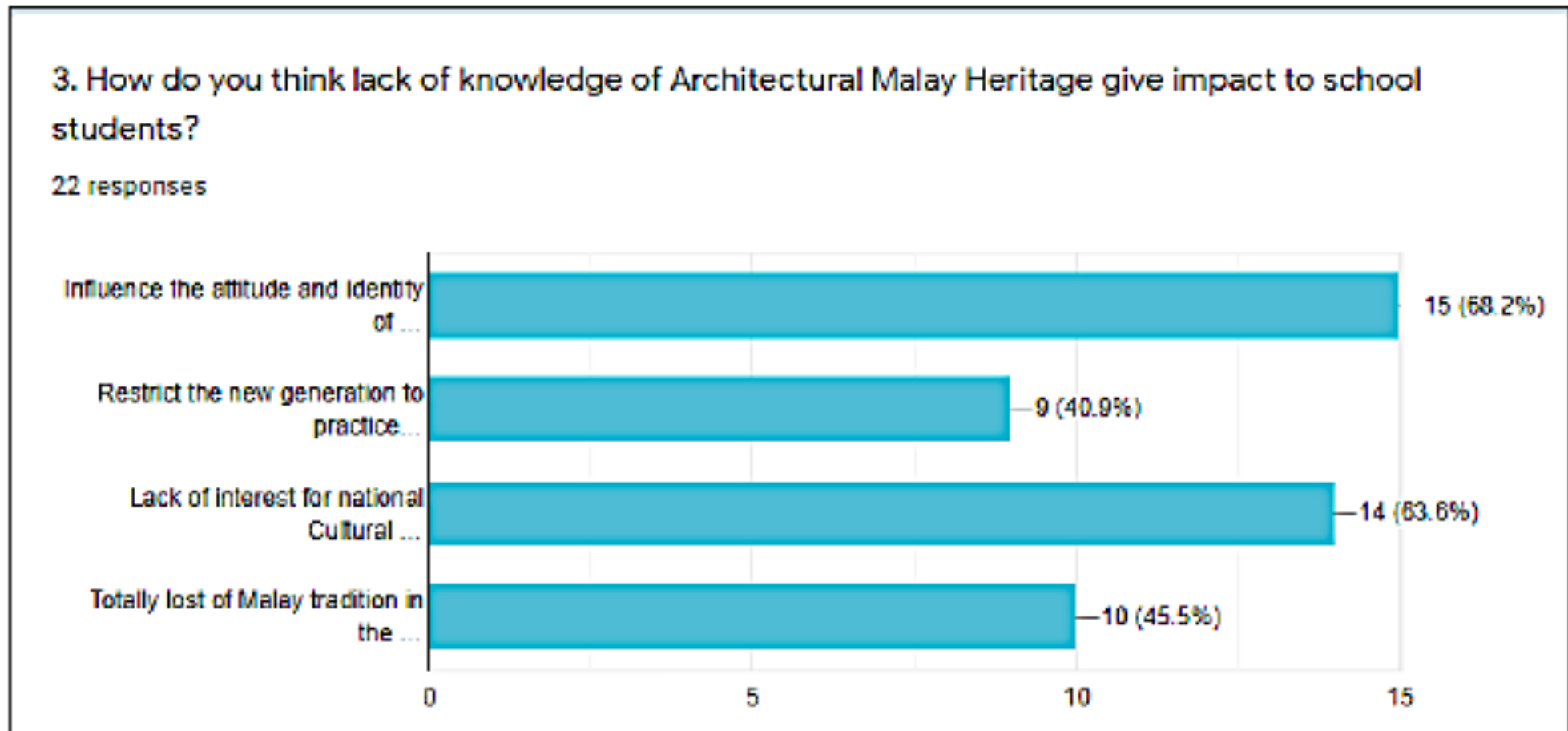
1. Do you think the new generation have enough knowledge about Architectural Malay Heritage?

22 responses



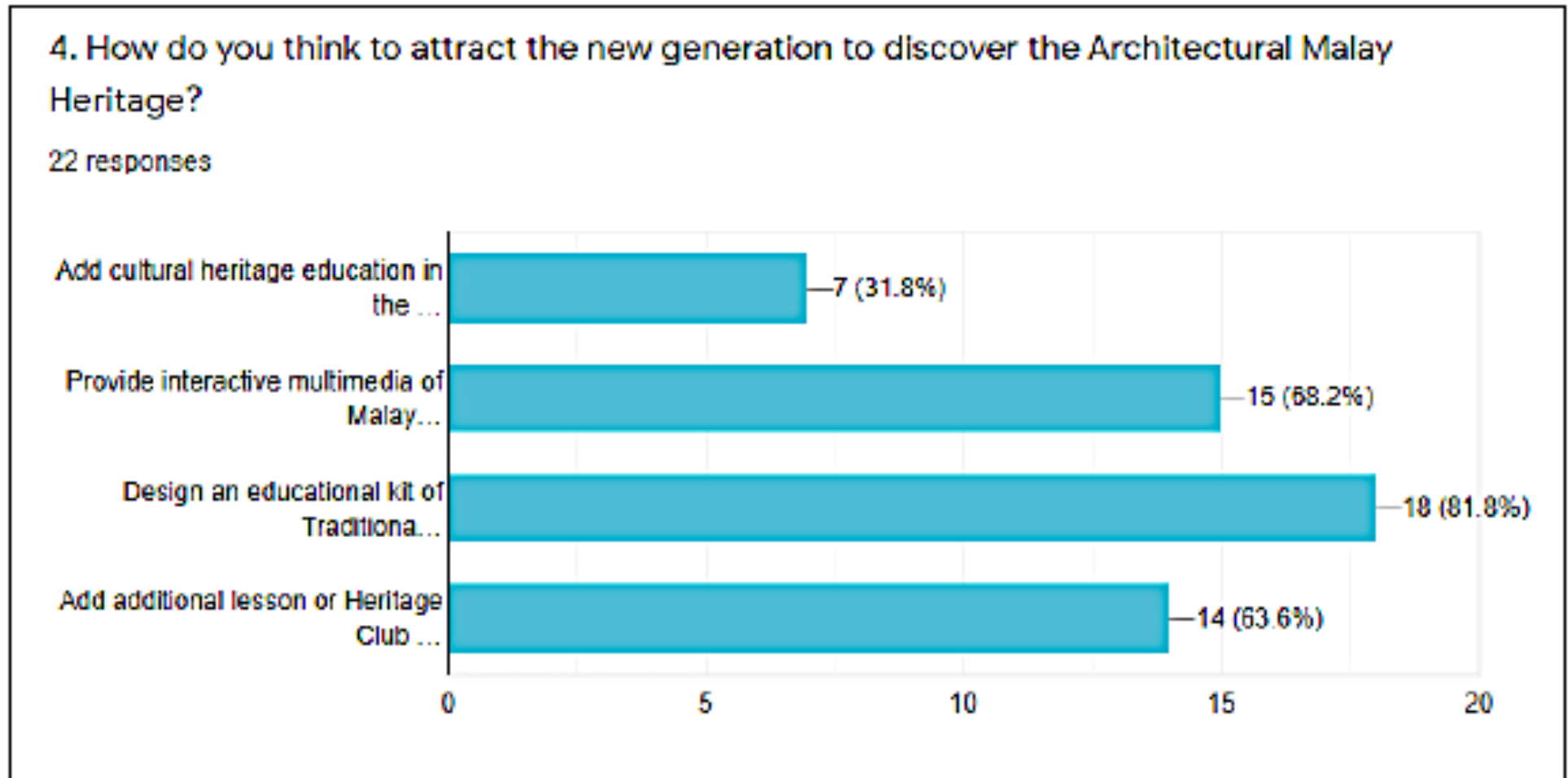
# 3. Initial survey on teaching history and heritage in Malaysia cont...

Teachers' perceptions on the primary school syllabus and impact on young generations



# 3. Initial survey on teaching history and heritage in Malaysia cont...

Teachers' perceptions on the primary school syllabus and impact on young generations



# 4. Project 1: 3D Pop-up book

**INTERACTIVE POP-UP BOOK AS AN EDUCATIONAL TOOL FOR MUSEUM OUTREACH PROGRAMME** – *Yasmin Nabila Ismail (final year student Bachelor of Applied Arts & Design (Conservation), 2017)*

- Initial survey reveals that local books pertaining to history are mainly textual
- Imported books have more percentage of pictorial than textual
- No local 3D pop-up books

*Result of the survey done on the percentage of presentation style of children books in a local bookstore*

CHILDREN BOOK SURVEY				
Title	PRESENTATION STYLE (%)			
	Pictorial	Text	3D @ Pop-Up	Audio Visual
1. Buku Warna-Warni –Si Cilik Series			-	-
2. Dinosaurs: A Spotters Guide	60	40	-	-
3. Colourful Creatures	70	30	-	-
4. Goldilocks and The Three Bears	50	50	✓	✓
5. Sejarah Malaysia : Ensiklopedia Kanak-kanak	30	70	-	-
6. 366 Kisah Rasulullah Muhammad	40	60	-	-
7. 16 Cerita Terpilih Sahabat Hutan	40	60	-	-
8. 50 Kisah Ajaib	40	60	-	-
9. World History	60	40	-	-
10. Dolly Peg Pirates- Craft Kit	60	40	✓	✓

# 4. Project 1: 3D Pop-up book research methods

## **INTERACTIVE POP-UP BOOK AS AN EDUCATIONAL TOOL FOR MUSEUM OUTREACH PROGRAMME – Yasmin**

*Nabila Ismail (final year student Bachelor of Applied Arts & Design (Conservation), 2017)*

- Initial survey reveals that local books pertaining to history are mainly textual
- Imported books have more percentage of pictorial than textual
- No local 3D pop-up books

STUDYING THE  
BASICS OF PAPER  
ENGINEERING

*DECIDING ON  
THE STORYLINE  
AND TECHNIQUES  
TO USE*

*BUILDING A  
WORKING  
PROTOTYPE OF THE  
BOOK*

*PROCESS OF TRACING  
AND DIGITALIZING THE  
POP-UPS*

# 4. Project 1: Process of making 3D pop-up book

## Selected Character: Admiral Cheng Ho (Zheng He)

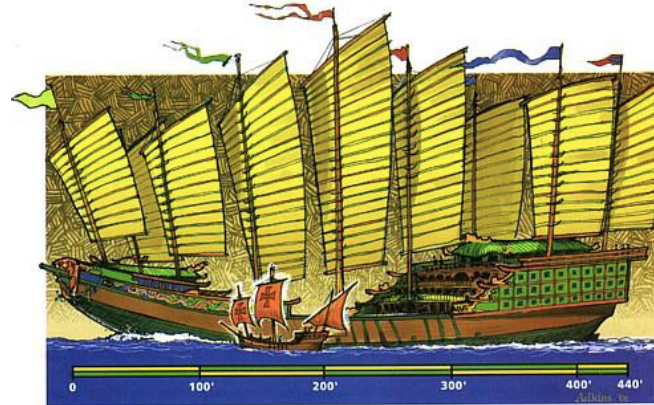


Cheng Ho or Zheng He was from a Chinese Muslim family, or known as Hui. His father had made the hajj (pilgrimage) to Mecca, and was a hajji. His circle of relatives claimed descent from an early Mongol governor of Yunnan province in southwestern China in addition to from King Muḥammad of Bukhara (now in Uzbekistan). The family name Ma changed into derived from the chinese rendition of Muḥammad (Lo, 2017).



*Navigational tools used by the Admiral*

## Selected artefacts



*The scale of the Admiral Cheng Ho's treasure ship. We can see a large difference of size with the small ship at the bottom. The small ship is Santa Maria, owned by Christopher Columbus. (Dupree, 2007)*



## Selection of Crew members

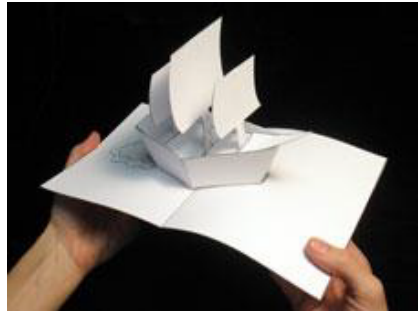
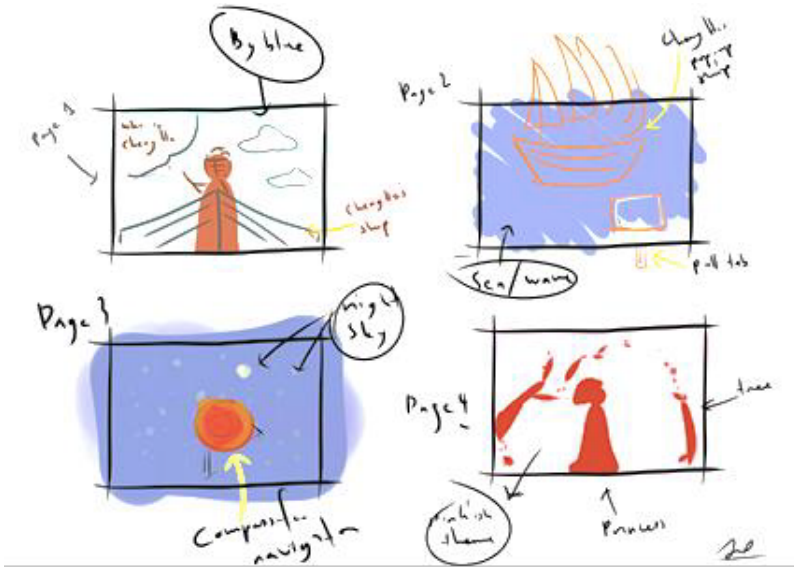


In the year 1459, the emperor of Ming had sent Princess Hang Li Po (or Hang Liu) to marry Sultan Mansur Shah in Malacca (ruled 1459–1477). Accompanied by the Admiral, the princess came with her entourage of a few hundred handmaidens and five hundred male servants. They eventually settled in Bukit Cina, Malacca and mixed with the localities. The descendants of these people, are known today as the Peranakan: Baba (the male title) and Nyonya (the female title). (Encyclopedia, 2015)

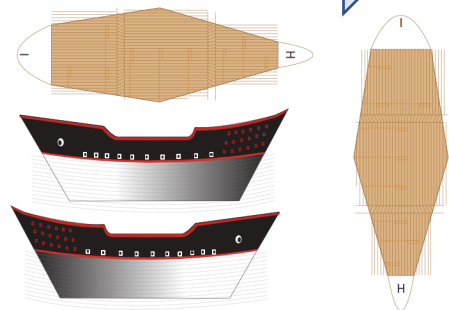
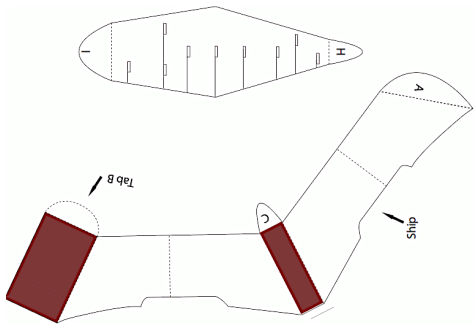
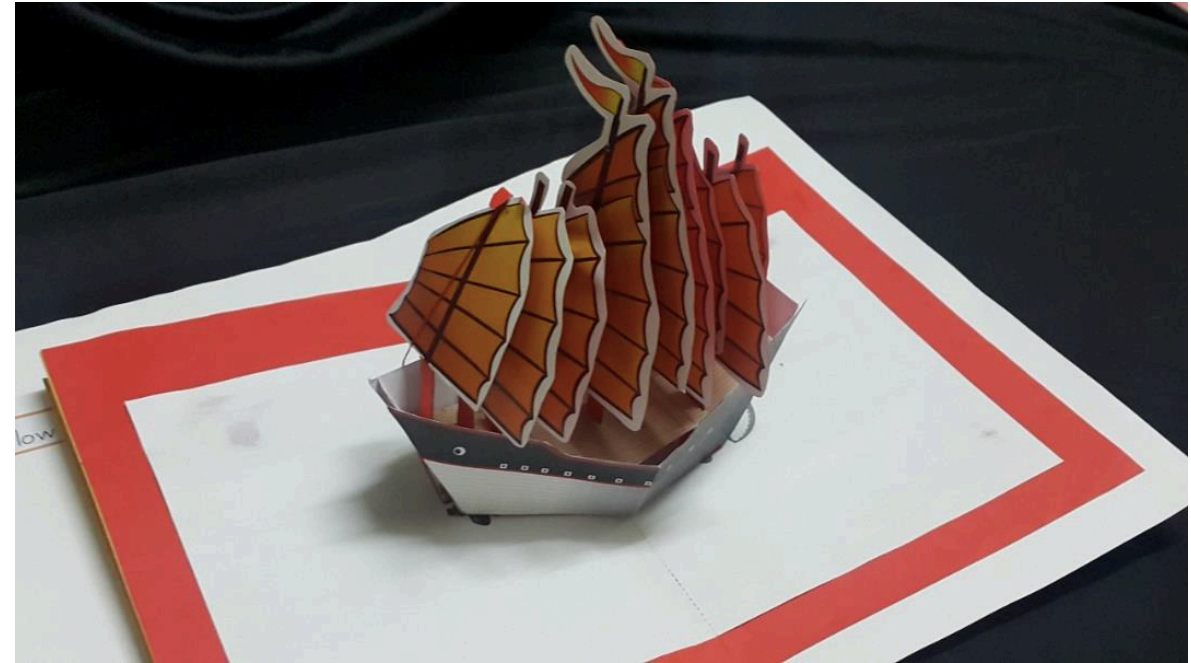
There were about 27,800 crew members. For command and control, the tasks were divided among the eunuch ambassadors and their deputies, junior eunuchs, and eunuch chamberlains. They would decide on major issues such as navigation, diplomacy, war and trading.



# 4. Project 1: Process of making 3D pop-up book

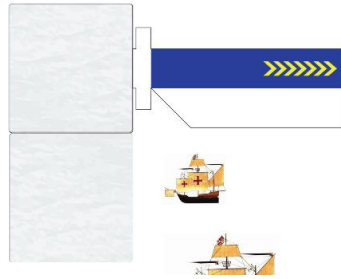


A successful ship pop-up is built after spending time a week on mock-up practices and numerous trials of building the ship based on the modified pattern, (Yasmin,2017)

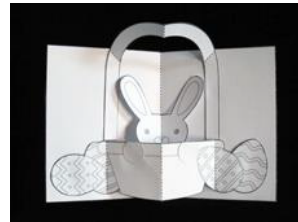
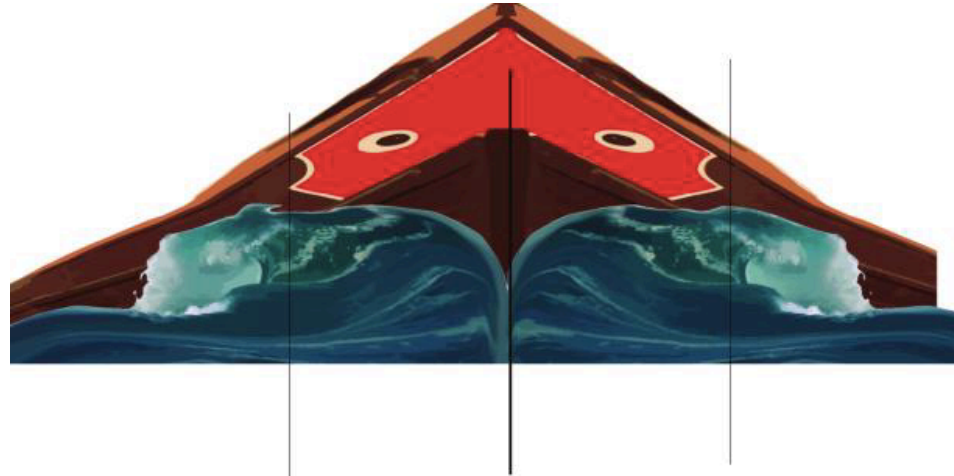


# 4. Project 1: Working on pull/ twist/flip mechanism

The main page of the pop-up book introduces the Admiral Zheng He emerging from the treasure ship – adopting from a free template taken from Robert Sabuda, and making further adjustments to fit in the concept.

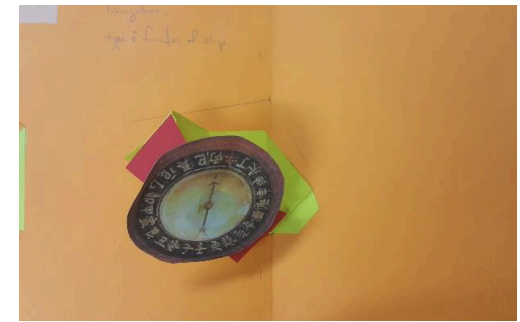
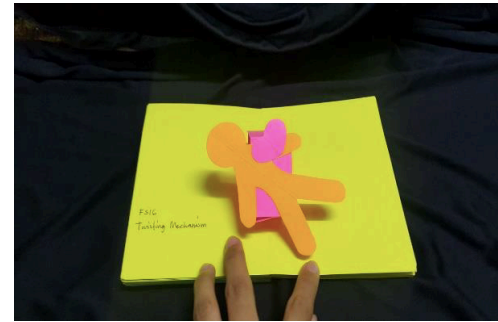


*The finished pull tab mechanism, with a Santa Maria ship illustration. (Yasmin, 2017)*



*A pop-up creation of an Easter basket by Matthew Reinhart. (Reinhart, 2013)*

For the third page, the storyline tells the readers about the voyage of Cheng Ho and how he navigated through the wide cast ocean. As for the type of ships, a simple set of flip tab depicting the various types of ships and their function is designed.



*An example of a practice of twisting mechanism, Top Left: A mock-up practice of the twisting mechanism.*



# 4. Project 1: Finishing off

For the last page, which is featuring the story of how Cheng Ho brought Princess Hang Li Po to Malacca, the design of the pop-up was referred to another template of Robert Sabuda's angel pattern. The pattern was simple and requires little tweak to readjusted to the illustration of Princess Hang Li Po.



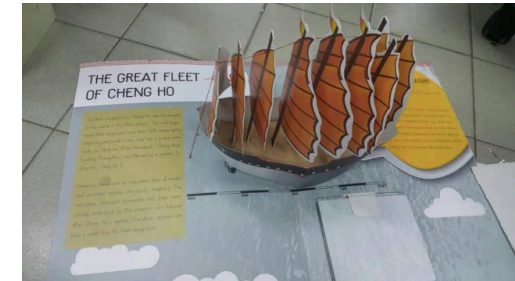
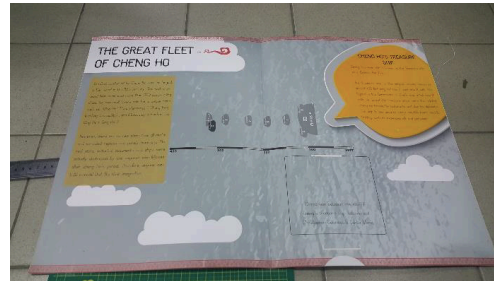
Princess Hang Li Po character printed



Final step involves designing the background of the pop-ups

In the final process, all background illustration of the pages were finished and was ready to be printed on matte paper, along with the traced pop-ups that had been added illustration atop of it. The process of assembling the pop-ups can be longer than the process of tracing it before. This is due to the difference in size. When assembling the mock-up, it was not done in A3 size in order to save cost and time. Thus, when assembling a larger pop-up than usual, it will took a while to fold and glue in properly in place.

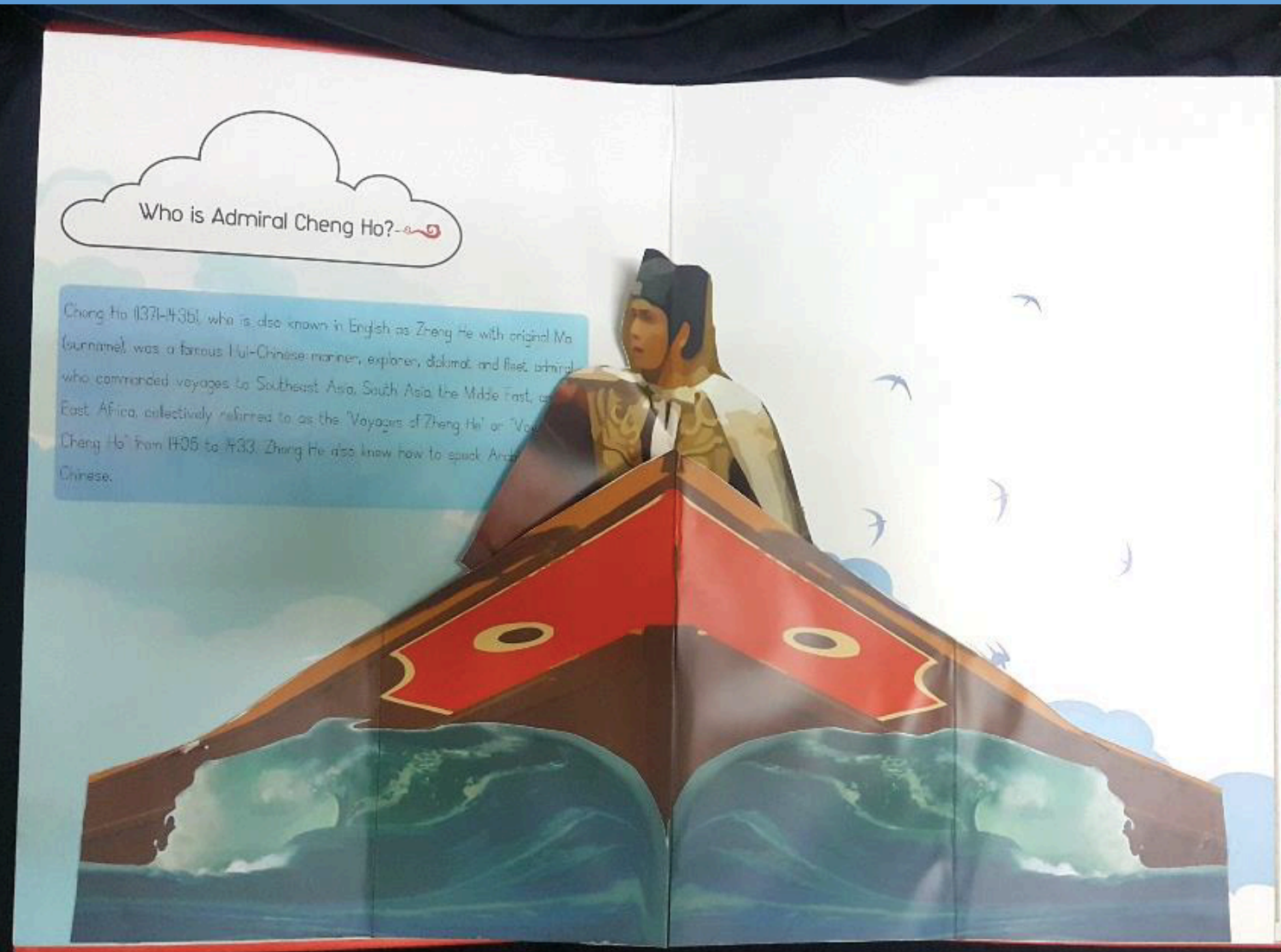
# 4. Project 1: Final Product



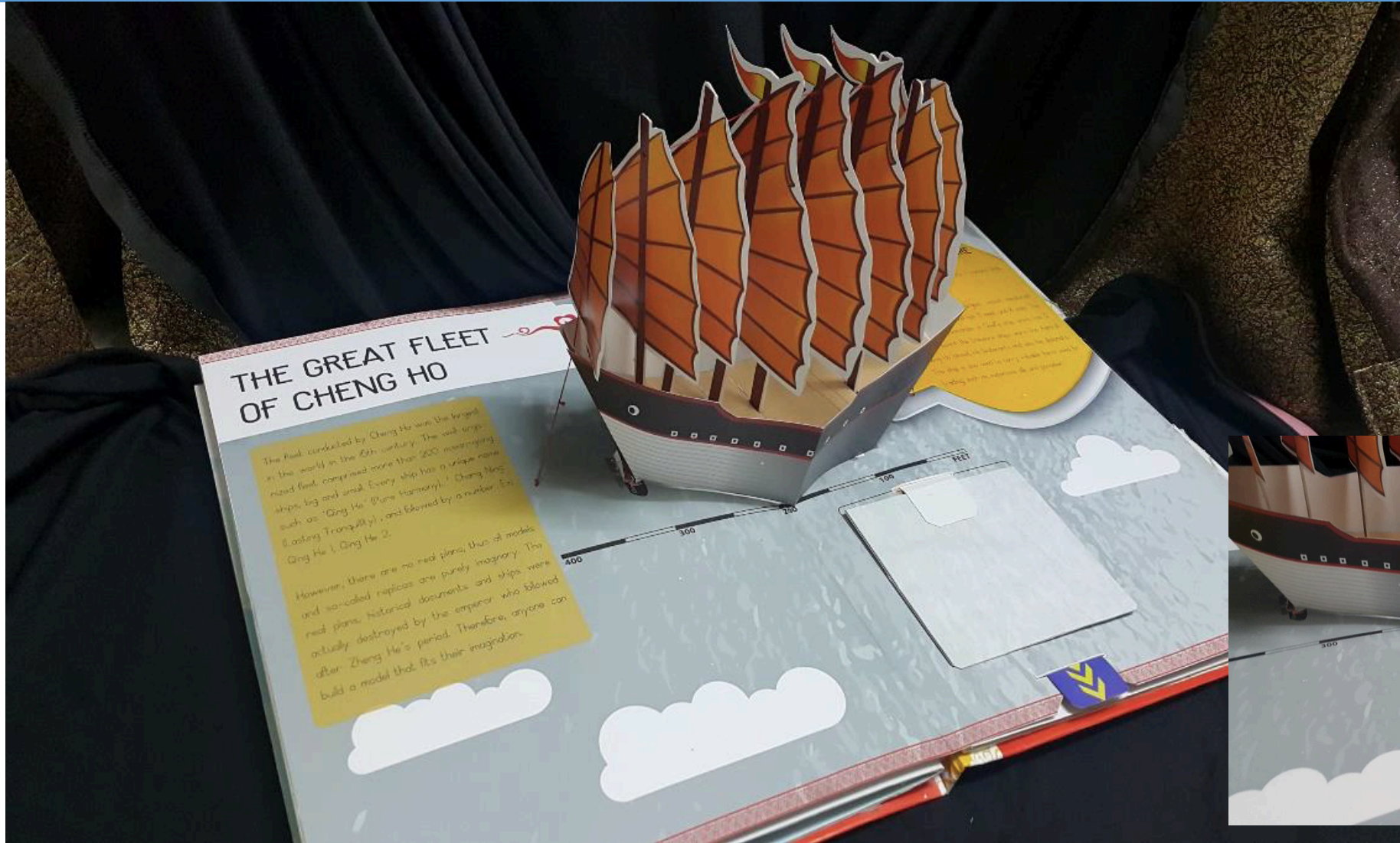
*Example of the photo sequence depicting the process of assembling and fixing pieces of pop-up shape onto the page. A string of thread was used to keep the masts in place. (Yasmin, 2017)*



## 4. Project 1: Final Product

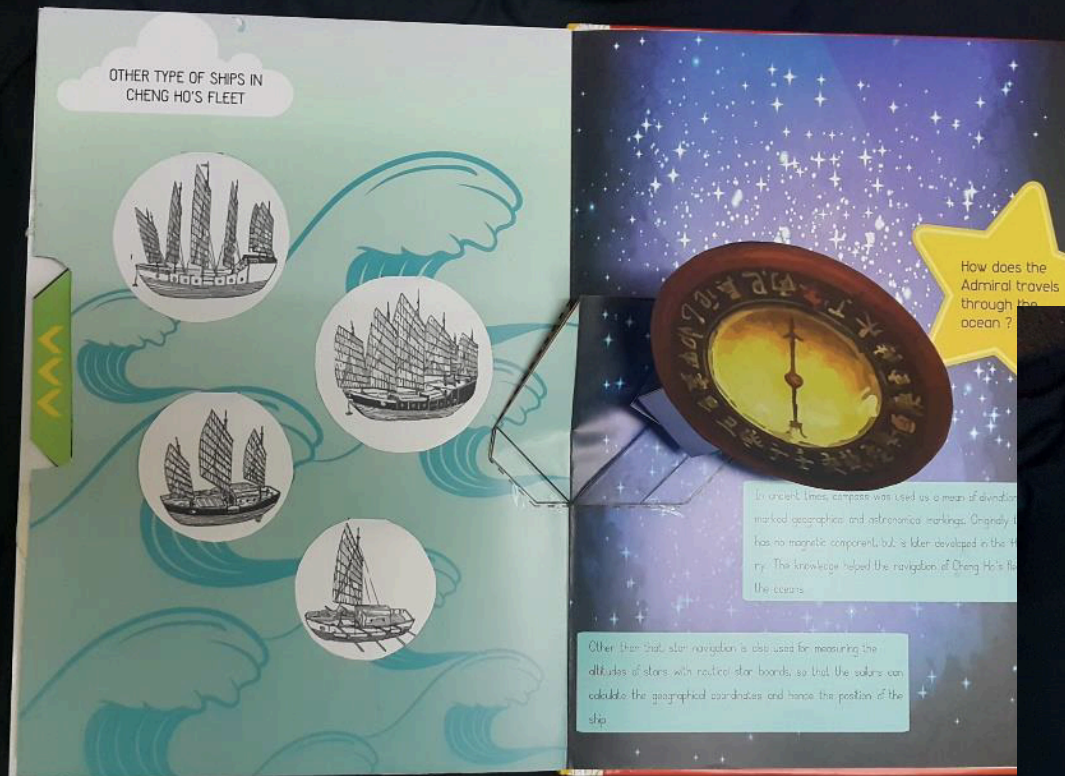


# 4. Project 1: Final Product








# 4. Project 1: Final Product



# 5. Project 2: 3D Puzzle of Malay Architectural Heritage - methodology




## Product Line-up of Packaging Design

Type of Packaging Design	Material	Analysis
 <p>Figure 10: Card Board Box Packaging Source: Amazon</p>	Card Board Box	The card board box might be not long lasting and durable as the kid is very active and rugged.
 <p>Figure 11: Wooden Box Packaging Source: Amazon</p>	Wooden Box	Wooden box might be long lasting and durable as the feature is stable. Besides, the wooden box has aesthetic feature and suitable to match with the 3D puzzle traditional Malay house.
 <p>Figure 12: Metal Case Packaging Source: Ali Express</p>	Metal Case	The metal case also suitable for the student as it is long lasting and durable for the 3D puzzle packaging. However, the metal case is a bit difficult to produce as the researcher hand made the 3D puzzle by herself.

Type of 3D Puzzle	Dimension	Material	Analysis
 <p>Figure 6: St. Basil's Cathedral Source: Amazon</p>	16.1 x 12.6 x 21.3 inch	Foam jigsaw	Foam jigsaw is safe and suitable material for kids. In addition, the printed foam jigsaw with the visualization of the material make the product more interesting for the students.

# 5. Project 2: 3D Puzzle of Malay Architectural Heritage - methodology


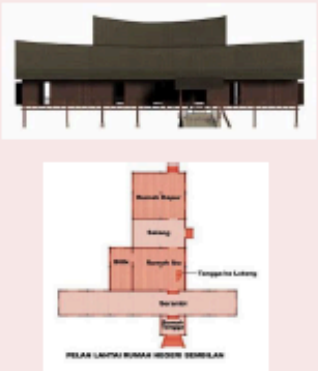

## Product Line-up of Packaging Design




 <p>Figure 7: Gothic House Source: Ali Express</p>	30cm x 20cm x 15cm	Wood	The wooden 3D puzzle looks less interesting for the students as it is plain. Besides, the visualization of the material for the product cannot be portray as the design is plain
 <p>Figure 8: Sydney Opera House Source: Shopee</p>	13cm x 9cm x 6cm	Metal	The gold coloured metal look interesting. However, the metal might be dangerous for students as the educational kit.
 <p>Figure 9: Snoopy and House Source: Amazon</p>	5.75 x 3.75 x 1.75 inches	Crystal	The shape edges of the crystal 3D puzzle are not suitable for the student. The transparency of the product also did not show the visualization of the material for the product design.



# 5. Project 2: 3D Puzzle of Malay Architectural Heritage - methodology

## Malay Traditional House Typological Study

MALAY HOUSES AND PLAN	BASIC FEATURE	ANALYSIS OF SPECIAL FEATURE
<p>Kedah Malay House</p> 	<ul style="list-style-type: none"> <li>• <i>Anjung</i></li> <li>• <i>Serambi</i></li> <li>• <i>Rumah ibu</i></li> <li>• Bedroom</li> <li>• <i>Rumah Selang</i></li> <li>• Kitchen</li> <li>• Wet kitchen</li> <li>• <i>Pelantar</i></li> </ul>	<ul style="list-style-type: none"> <li>• Perak roof/ long roof</li> <li>• Have many wood craving</li> </ul>
<p>Negeri Sembilan Malay House</p> 	<ul style="list-style-type: none"> <li>• <i>Rumah tangga</i></li> <li>• <i>Serambi</i></li> <li>• <i>Rumah ibu</i></li> <li>• Bedroom</li> <li>• <i>Rumah Selang</i></li> <li>• Kitchen</li> </ul>	<ul style="list-style-type: none"> <li>• Have attic</li> <li>• Minangkabau Roof</li> <li>• <i>Rumah tangga</i></li> </ul> 

<p>Malacca Malay House "Tiang Dua Belas"</p> 	<ul style="list-style-type: none"> <li>• <i>Serambi</i></li> <li>• <i>Rumah ibu</i></li> <li>• <i>Rumah Selang</i></li> <li>• Kitchen</li> <li>• <i>Pelantar</i></li> </ul>	<ul style="list-style-type: none"> <li>• Mosaic Stair</li> <li>• Long roof</li> </ul> 
<p>Selangor Malay House</p> 	<ul style="list-style-type: none"> <li>• <i>Beranda</i></li> <li>• <i>Anjung</i></li> <li>• <i>Serambi</i></li> <li>• <i>Rumah ibu</i></li> <li>• Bedroom</li> <li>• Kitchen</li> </ul>	<ul style="list-style-type: none"> <li>• Long roof</li> <li>• <i>Rumah tengah</i> with <i>rumah tangga</i></li> <li>• Window has lower level than other house</li> <li>• No <i>rumah selang</i></li> </ul>



# 5. Project 2: 3D Puzzle of Malay Architectural Heritage - methodology

## Malay Traditional House Typological Study

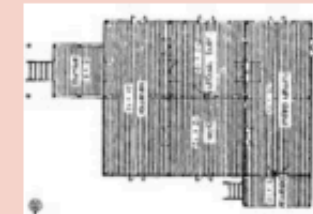
### Perak Malay House



- *Rumah ibu*
- Bedroom
- *Rumah Selang*
- Kitchen
- *Pelantar*

- No *anjung* or *serambi*
- Long Roof
- The pillar higher than other house.

### Terengganu Malay House “Rumah Limas Bungkus”

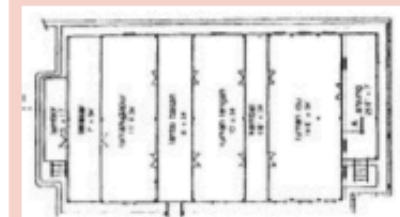


- *Anjung*
- *Serambi*
- *Rumah tengah*
- Bedroom
- Kitchen
- *Pelantar*

- *Limas roof*
- *Pemeleh*



### Kelantan Malay House



- Long roof
- Used *Papan Kembus*
- *Pemeleh*
- *Atap singgora*

- Long roof
- Used *Papan Kembus*
- *Pemeleh*
- *Atap singgora*

**3D PUZZLE**  
**MALAY HOUSE EDITION**

**NEGERI  
SEMBILAN  
MALAY HOUSE**

PRODUCT DIMENSION: 270w x 290l x 125h

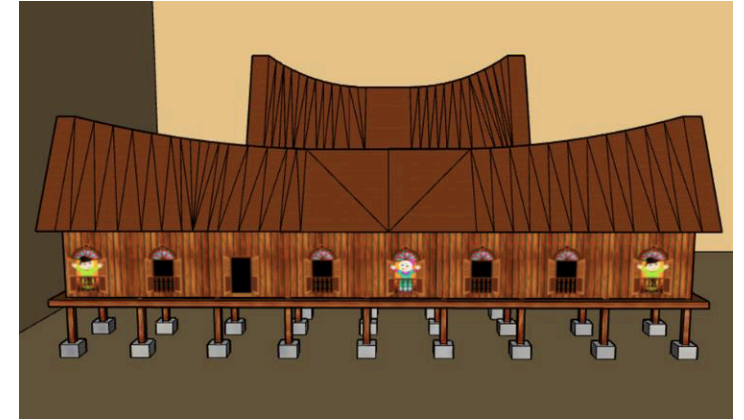
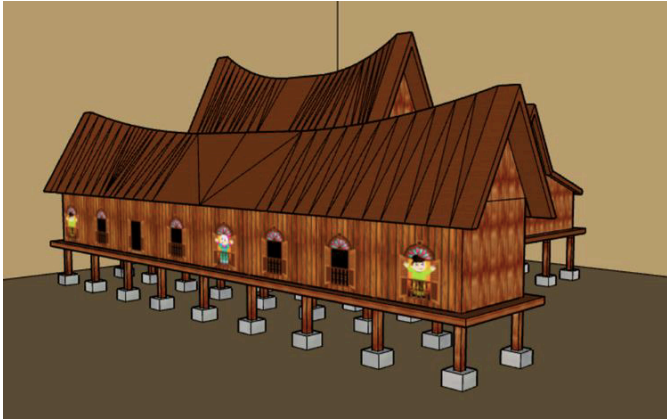
DIFFICULTY: ● ● ● ● ●

7+ YEARS

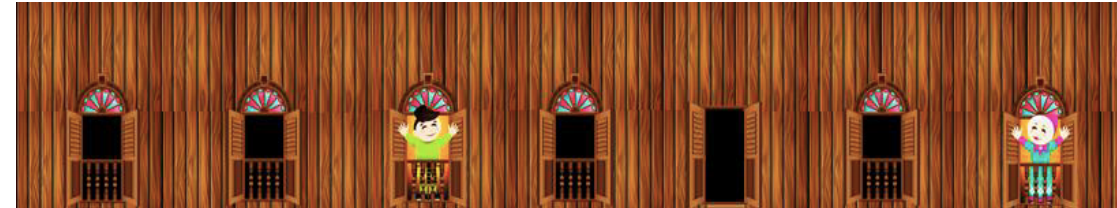
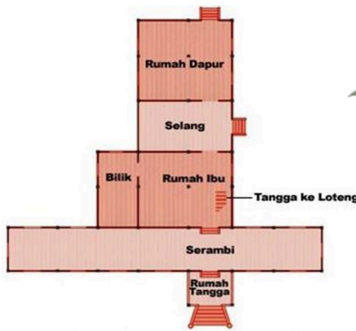
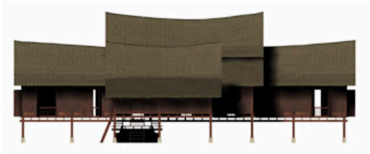




# 5. Project 2: Malay Architectural Heritage – 3D Puzzle Product Kit



Final Design of 3D Rendered Model



# 5. Project 2: Malay Architectural Heritage – 3D Puzzle Product Kit





THANK You  
For Your  
TIME

